

C130 K Log Card List BOOK 2

Location	Component	Location	Component
1	No 1 QEC	35	No 3 QEC
2	Oil Cooler	36	Oil Cooler
3	CCM	37	CCM
4	Turbine Assembly	38	Turbine Assembly
5	Reduction Gear Box	39	Reduction Gear Box
6	Torquemeter Assembly	40	Torquemeter Assembly
7	Generator	41	Generator
8	Starter Motor	42	Starter Motor
9	Starter Valve	43	Starter Valve
10	EDP	44	EDP
11	Fuel Control Unit	45	Fuel Control Unit
12	Propeller	46	Propeller
13	Pump Housing	47	Pump Housing
14	Aux Motor	48	Aux Motor
15	Valve Housing	49	Valve Housing
16	Pitchlock Regulator	50	Pitchlock Regulator
17	Fuel Nozzles	51	Fuel Nozzles
18	No 2 QEC	52	No 4 QEC
19	Oil Cooler	53	Oil Cooler
20	CCM	54	CCM
21	Turbine Assembly	55	Turbine Assembly
22	Reduction Gear Box	56	Reduction Gear Box
23	Torquemeter Assembly	57	Torquemeter Assembly
24	Generator	58	Generator
25	Starter Motor	59	Starter Motor
26	Starter Valve	60	Starter Valve
27	EDP	61	EDP
28	Fuel Control Unit	62	Fuel Control Unit
29	Propeller	63	Propeller
30	Pump Housing	64	Pump Housing
31	Aux Motor	65	Aux Motor
32	Valve Housing	66	Valve Housing
33	Pitchlock Regulator	67	Pitchlock Regulator
34	Fuel Nozzles	68	Fuel Nozzles

3 Modifications				4 STI's		5 Servicing Instructions (Initial Application)			
Mod No	Date/Reference	Mod No	Date/Reference	STI No	Date/Reference	SI No	Date/Reference	SI No	Date/Reference

6 Service Mods		7 Miscellaneous Instructions							
Mod No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference

8 Items Fitted Subject to a Fatigue Life									
Serial No	Item		Authorized Life	Life Consumed at Fitment			Life Consumed at Removal		
	Description			Date	Component	Item	Date	Component	Item

9	Section	Reference	Description	Serial No	Installed In	Limiting Item	Due Removal
\			Q.E.C.	Q 927			/

SERVICING, MAJOR REPAIRS AND RECONDITIONING

Date Unit Job No Comp. Life Consumed Work Details

Card Serial No of

COMPONENT RECORD CARD

MOD Form 735A
(Revised Feb 80)

1 Q.E.C. AUTHORISED LIFE NOT LIFEED
2 Q227

TRANSFER AND INSTALLATION DETAILS

Date	Unit From	Unit to/ Installed in/ Removed From	Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Component		
				Part	Total	
17-6-82	LYNEHAM	XV200/1	10821	N/C	9479	INSTALLATION
5-9-85	LYNEHAM	XV200/1	13229	2408	11887	Removal (TA CX)
6-9-85	LYNEHAM	XV200/1	13229	-	11887	FITTED
11-9-86	MCE	XV200/1	14048	819	12706	REMOVED 198 XV200 110986
24-9-86	MCE	XV200/1	14048	819	12706	FITTED 198 XV200 110986
30-1-87	LYNEHAM	XV200/1	14158	110	12816	REMOVED 0376 XV200 300187
8-3-88	LYN	XV201/1	13596	-	12816	FIT.
30-3-89	LYN	XV201/1	14173	577	13393	REM.
21-7-89	LYN	XV200/1	15843	-	13393	FIT
19-2-90	LYN	XV200/1	16291	448	13841	TA CX.
25-2-92	LYN	XV200/1	17543	1252	15093	REM.
29-7-92	LYN	XV214/2	18998	-	15093	FIT.
2-2-96	LYN	XV214/2	20291	1293	16386	TA CX.
3-4-98	LYN	XV214/2	22086	1795	18181	TA CX.
16-6-98	LYN	XV214/2	22358	272	18453	REM.
23-11-98	LYN	XV202/1	23382	-	18453	FIT
30-10-00	LYN	XV202/1	24628	1246	19699	TA CX
19-10-9	LYN	XV202/1	25702.20	1074.20	20773.20	TA CX
22-2-02	LYN	XV202/1	26084.05	321.45	21155.05	REM.
28-8-02	LYN	XV200/2	27757.00	-	21155.05	FIT
16-6-03	LYN	XV220/2	28561.50	804.00	21959.45	REM.
30-11-03	LYN	XV301/2	28561.50	-	21959.45	FIT
31-10-05	LYN	XV301/2	28563.00	+1.10	21960.55	REM. Air Test +1.10
18-3-04	LYN	XV200/3	24942.50	-	21960.55	FIT

Inspection, Test and Modification Certificate

MODForm75:
(Revised Dec 86
PPQ = 5)

Certified that QEC 40.3 Mark Serial No Q227 _____ has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No HERCJC/00041 _____ Job No _____
Total time flown/run* at Contractor's Works or Maintenance Unit _____
Engine/ECU* Weight _____ C. of G. Position _____ * construction
List of modifications embodied or removed and special technical instructions and other orders fulfilled during *reconditioning
* repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled: SI/ALLISON/T-56/10

Date 22/10/08 Signed [Signature]

At Unit/Works Marshall of Cambridge Aerospace Ltd,
The Airport, Cambridge. CB5 8RX

* Service _____
* Contractor _____
Authorized Signatory

Approved Stamp
M 45 G.D.

* Delete as necessary

(NOTE: Continue overleaf if necessary)

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Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

PPQ = 100
has been

Certified that QEC Mark _____ Serial No Q227

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No C13CK/2101 Job No _____

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input type="checkbox"/> construction
<input type="checkbox"/> reconditioning
<input type="checkbox"/> repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled:

SI/HER/636. SI/ALLISON T-56/10.

Date 20 JAN 2007 Signed  * Service Contractor Authorized Signatory
At Unit/Works MARSHALL OF CAMBRIDGE AEROSPACE LTD, THE AIRPORT, CAMBRIDGE, CB5 8RX.

Approved
Stamp

MA
22
Q.D.

* Delete as necessary

(NOTE: Continue overleaf if nec.

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INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that Q.E.C. Unit Mark..... Serial No. Q.227 has been inspected and tested, and is fit for service. * Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No. A7a/850 *Job No.....
Total time * flown/run at Contractor's Works or Maintenance Unit..... hours.
*Engine/E.C.U. Weight..... C. of G. Position.....
List of modifications embodied or removed, and special technical instructions and other orders fulfilled during [* construction, * reconditioning, * repair

MODIFICATIONS EMBODIED:

Modification 5315 ML1-00-321

MODIFICATIONS REMOVED

TECHNICAL INSTRUCTIONS FULFILLED:

Date 2-12-86 Signed *[Signature]* M.C.E. Q.C. for Quality Assurance Auth-
At MARSHALL OF CAMBRIDGE (ENGINEERING) LIMITED, AIRCRAFT DIVI.

*Delete as necessary.

(NOTE: Continue overleaf, if necessary)

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INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that QEC Unit Mark Serial No Q-227 has been inspected and tested, and is fit for service. * Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A7a/771 *Job No
Total time *flown/run at Contractor's Works or Maintenance Unit hours.
Weight/E.C.U. Weight C. of G. Position

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during [* construction, * reconditioning * repair

MODIFICATIONS EMBODIED:

Modification 5292 M11-00-369 Iss. 1

MODIFICATIONS REMOVED

TECHNICAL INSTRUCTIONS FULFILLED:

Date 20-5-85 Signed *Umar* M.C.E. Q.C. for Quality Assurance Authority
At MARSHALL OF CAMBRIDGE (ENGINEERING) LTD, AIRCRAFT DIVISION

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).

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RECORD OF MODULES AND COMPONENTS

3 Module		LIFE CONSUMED AT FITMENT			LIFE CONSUMED AT REMOVAL				
Serial No	Description	Auth Life	Date	ECU	Module	Date	ECU	Module	
AE106224	CCM	6500	10.6.82	9479	NIL	21.2.92	15093	5614	
AE106311		6500	25.6.92	15093	NIL	17.6.98	18453	3260	
AE106340		6500	29.07.98	18453	2981	06.03.02	21154.55	5682.55	
AE106341		6500	18.6.02	21155.05	NIL	11.8.03	21959.45	804.40	
AE106663		6500	14.08.03	21959.45	0	17.9.03	21959.45	0	
AE106375		6560	22.09.03	21959.45	0				
TA 029	TURBINE	5000	10.6.82	9479	NIL	6.9.85	11887	2408	
TA 358		5000	6.9.85	11887	3256	19.2.90	13891	5210	
TA 172		5000	19.2.90	13841	NIL	21.9.92	15093	1252	
TA 029		5000	25.6.92	15093	3213	2.2.94	16386	4506	
TA 291		5000	2.2.94	16386	3157	3.4.98	18181	4952	
TA 249		5000	3.4.98	18181	4626	17.6.98	18453	4898	
TA 297		5000	29.07.98	18453	3764	30.10.00	19699	5010	
TA 162		5000	30.10.00	19699	3925	19.10.01	20773.20	4999.2	
AG026403		NOT LIFED	10.6.82	9479	1445		2.2.87	12816	4782
AG026683		NOT LIFED	4.2.87	12816	4460		14.07.92	15093	5727
AG026777	NOT LIFED	25.6.92	15093	5977		17.7.98	18453	9337	
AG026488		6.8.98	18453	NIL		5.11.03	21960.55	3557.55	
AG026839	NOT LIFED	27.11.03	21960.55	0					
A12481	TM	NOT LIFED	10.6.82	9479	9484	17.9.03	21959.45	2166.45	

4 COMPONENT		LIFE CONSUMED AT FITMENT			LIFE CONSUMED AT REMOVAL			
Serial No	Description	Auth Life	Date	ECU	Comp	Date	ECU	Comp
TA 174	TURBINE	5000	19.10.01	20773.20	2412	06.03.02	21154.55	3794
TA 140		5000	18.6.02	21155.05	3552	11.8.03	21959.45	4356.40
TA 244		5000	29.08.02	21959.45	1156.40	17.9.03	21959.45	1156.40
TA 136		5000	22.09.03	21959.45	3591	30.3.06	22819.40	4450.55
TA 359		5000	30.03.06	22819.40	4412.00	18.7.07	23268.45	4861.05
TA 145		5000	24.9.06	23268.45	2163.45	03.10.07	23268.45	2163.45
TA 236		5000	03.10.07	23268.45	3680.25	7-1-09	24116.20	4528.00
TA 293		5000	7-1-09	24116.20	248.25	16-6-11	24899.11	1031.16
TA 134		5000	16-6-11	24899.11	1233.16			

5 Modifications (Nos)		6 STI/SI MISCELLANEOUS INSTRUCTIONS					
Date	Reference	Date	Reference	Date	Reference	Date	Reference

7 Section	Reference	Description	Serial No	Limiting Assembly/Comp	Due Removal
		P.S.P.	Q227	TURBINE ASSY.	14.479

AVIATION
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Card Serial No. L of ---

MOD Form 750
 (Revised Jun 77)

MODULAR ENGINE CHANGE UNIT RECORD CARD

1 Q.E.C. AUTHORIZED LIFE NOT LIFED

2 Q227 **TRANSFER AND INSTALLATION DETAILS**

Date	Unit From	Unit To/ Installed In/ Removed From	Life Consumed of			Authority For Transfer/ Reason For Removal
			Support Installation	ECU		
				Part	Total	
17-6-82	LYNEHAM	XV200/1	10821	NSIC	9479	INSTALLATION
5-9-85	LYNEHAM	XV200/1	13229	2488	11887	Removed (TA cx'd)
6-9-85	LYNEHAM	XV200/1	13229	-	11887	FITTED
11-9-86	M.C.E.	XV200/1	14048	819	12706	REMOVED 198 XV200 110986
24-9-86	M.C.E.	XV200/Nº1	14048	819	12706	FITTED 198 XV200 110986
30-1-87	LYNEHAM	XV200/1	14158	110	12816	REMOVED 0376 XV200 300187
8-3-88	LYN	XV201/1	13596	-	12816	FIT 1164 XV201 240288
30-3-89	LYN REM	XV201/1	14173	577	13393	2218 XV201 300389 REM
31-7-89	LYN	XV200/1	15843	-	13393	FIT 3444 XV200 070789
19-2-90	LYN	XV200/1	16291	448	13841	TA CX 3968 XV200 190290
25-2-92	LYN	XV200/1	17543	1252	15093	LSH 3586 XV200 250292
29-7-92	LYN	XV214/2	15093	-	15093	FIT 5347 XV214 290792
2-2-94	LYN	XV214/2	20291	1293	16386	TA CX 1005 XV214 020294
3-4-98	LYN	XV214/2	22086	1795	18181	TA CX 1620 XV214 010498
16-6-98	LYN	XV214/2	22358	272	18453	REM 1777 XV214 130698
13-11-98	LYN	XV202/1	23382	-	18453	FIT 4162 XV202 131198
30-10-00	LYN	XV202/1	24628 ¹⁵⁹	246	19699 ³⁰	TA CX 0883 XV202 261000
19-10-01	LYN	XV202/1	25702.20	1074.20	20773.20	TA CX 1993 XV202 161001
22-2-02	LYNEHAM	XV202/1	26084.05	381.45	21155.05	REM 2331 XV202 220202
1-8-02	LYN	XV220/2	27757.10	-	21155.03	FIT 1532 XV220 050702

Continued on Form No. --- Serial No. ---

W/O N° 690-419
 UNIT S/N°: AE-106375

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CCM FINAL BUILD STANDARD

MOD

MOD N°	Description	CAT	INSPECTION STANDARD					BUILD STANDARD				FINAL INSP
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DEL		
4	Filter check valve longer pilot assembly	D/0	SIGMA O266 **									SIGMA O083 **
10	T.D.V. bracket of bolted construction	C/3			SIGMA O266 **		SIGMA O266 **		SIGMA O083 **			SIGMA O083 **
11	Sec lab seal stator and diff assy oilway	C/3			SIGMA O292 **							SIGMA O083 **
33	Accessory drive shaft oil baffle	C/0			SIGMA O266 **							SIGMA O083 **
77	Scavenge filter screen in diffuser section	C/0			SIGMA O292 **							SIGMA O083 **
78	Modified diffuser screen bracket	C/0			SIGMA O292 **							SIGMA O083 **
79	Comp. Sec lab. Seal - interface contact	D/4			SIGMA O292 **							SIGMA O083 **
86	Pressure regulating valve - rubber	B/3			SIGMA O266 **		SIGMA O266 **		SIGMA O083 **			SIGMA O083 **
106	Stainless steel IGV assembly	D/4			SIGMA O292 **							SIGMA O083 **
112	Modified diffuser scavenge tube	C/4			SIGMA O292 **							SIGMA O083 **
113	Inner exhaust cone nut	C/3					SIGMA O266 **		SIGMA O203 **			SIGMA O203 **
120	Modified comb. Liner crossover ferrules	D/4					SIGMA O266 **		SIGMA O083 **			SIGMA O083 **
123	Comp vent air-oil to main engine vent sys	B/2			SIGMA O266 **							SIGMA O083 **
127	Inlet housing - strut lve with buna 'n'	C/4			SIGMA O292 **		SIGMA O292 **		SIGMA O083 **			SIGMA O083 **
130	Bleed collector spacer baffle	C/0			SIGMA O292 **							SIGMA O083 **
136	Modified diffuser with oil baffle fitted	D/4	SIGMA O292 **									SIGMA O083 **
140	Removable oil jet tips	D/0	SIGMA O292 **									SIGMA O083 **
159	Oil pump drive with viton seals	D/4			SIGMA O266 **		SIGMA O266 **		SIGMA O203 **			SIGMA O203 **
180	Oil press reg valve - reduced spring length	C/4			SIGMA O266 **		SIGMA O266 **		SIGMA O083 **			SIGMA O083 **
227	Comb liner thermocouple groms with lead-in	D/4					SIGMA O266 **		SIGMA O083 **			SIGMA O083 **
259	Scav pump to act drive hsg - mod seal	B/2			SIGMA O266 **		SIGMA O266 **		SIGMA O203 **			SIGMA O203 **
278	SSV drive gear - mod full length gear	D/4	SIGMA O266 **									SIGMA O083 **

W/O N°: 690-419
 UNIT S/N°: AE-106375

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CCM FINAL BUILD STANDARD

MOD

MOD N°	Description	CAT	INSPECTION STANDARD					BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO RE EMB	EMB'D (PART)	EMB'D	DEL	FINAL INSP	
283	Accessory gearbox scavenge oil union with increased thread diameter and thread engagement torqued into housing at 150-200 lb. Ins.	BX/0			SIGMA 0266 **							SIGMA 0266 **
292	Redesigned airline fitting elbow.	D/4		SIGMA 0296 **								SIGMA 0296 **
302	Shrouded C.I.T. probe.	BX/3 WITH MOD 106, CX/3 WITHOUT MOD 106.			SIGMA 0285 **							SIGMA 0285 **
312	Pressure oil filters assemblies featuring 15-micron filter elements.	CX/3			SIGMA 0298 **		SIGMA 0298 **		SIGMA 0281 **			SIGMA 0283 **
326	Engine spray shield bracket kit.	C/4			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0203 **			SIGMA 0203 **
362 PART B	Introduction of a reworked anti-icing probe (shrouded type) reworked I.A.W. CEB 73-1512	CX/3		SIGMA 0296 **			SIGMA 0288 **		SIGMA 0283 **			SIGMA 0283 **

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W/O N°: 690-402 ^{471 SIGMA} 0313
 UNIT S/N°: AE106375

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR COMBUSTION ANCILLARIES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REFLC	DEL	FINAL DSP	
7	10 MICRON FILTER COMPRESSOR AIR BLEED	B/3			SIGMA 0132 **							SIGMA 0313 **
117	FILTER ASSEMBLY ADDED TO SCAVENGE OIL LINE	B/2	SIGMA 0132 **									SIGMA 0132 ** N/f
132	FUEL HOSE FIRESLEEVEING - MATERIAL CHANGE	PT1 D/4 PT2 B/2			SIGMA 0132 **							SIGMA 0313 **
149	RE-ROUTED SSV EXIT HOUSE (SEE BRIT MOD 101)	B/2			SIGMA 0132 **							SIGMA 0313 **
215	REVISED HOSE ASSEMBLY POWER SECTION TO SCAVENGE OIL FILTER	C/3	SIGMA 0132 **									SIGMA N/1 0132 ** A
279	A.C. IGNITER PLUG - TWO PIECE CONSTRUCTION	D/4	SIGMA 0132 **									SIGMA N/4 0132 **
304	INTRODUCTION OF FUEL HOSES WITH INTEGRAL FIRESLEEVES	D/4	SIGMA 0132 **									SIGMA N/1 0132 **
343	INTRODUCTION OF A NEW IGNITER ASSEMBLY TO PROVIDE IMPROVED SERVICE LIFE	C IN SETS 3 IN SETS WOTSAC			SIGMA 0132 **							SIGMA 0132 **
31	INTRODUCTION OF TEDECO MAG PLUGS	B/2			SIGMA 0132 **							SIGMA 0132 **
322	CHIP DETECTOR WITH LARGER KNURLED HEAD	C/3			SIGMA 0132 **							SIGMA 0132 **
PWI ALLISON 16	CONTROL ROD P/N 6780854 SECURITY OF ROD ENDS	MANDATORY			SIGMA 0288 **							SIGMA 0288 **

W/O N^o: 690-419
 UNIT S/N^o: AE-106375

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR ROTOR/CASING SUB ASSEMBLY

MOD N ^o	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			N/A	NOT TIME	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DEL.	FINAL INSP
12	1ST STAGE VANE ASSEMBLY WITH TIE BAR	D/O			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0083 **		SIGMA 0083 **
83	COMP CASING SPLITLINE BOLTS - SERMETAL "W"	C/4			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0203 **		SIGMA 0203 **
86	COMP VANES - ALUMINIUM AIRSEALS	D/4			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0083 **		SIGMA 0083 **
122	COMP ROTOR 1ST-2ND STG RELATIONSHIP	C/4			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0082 **		SIGMA 0082 **
125	14TH STG WHEEL - MATERIAL CHANGE	D/4			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0082 **		SIGMA 0082 **
131	COMP CASING SERMETAL "W" COATING	C/4			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0203 **		SIGMA 0203 **
133	2ND-3RD COMP VANES - CHANGE OF ADHESIVE	D/4			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0083 **		SIGMA 0083 **
231	COMP BLEED MANIFOLD ASSY ALSEAL 500 COATED	D/4			SIGMA 0292 **						SIGMA 0083 **
308	COMP WHEELS STAGES 2 TO 14 WITH SERMETAL 2241 COATING	C/O					SIGMA 0071 **	SIGMA 0072 **			SIGMA 0072 **
309	SHOT PEENED STAGE 1 COMP WHEEL	C/O					SIGMA 0071 **		SIGMA 0288 **		SIGMA 0082 **
333	1st STAGE COMP. WHEEL FEATURING AL-1 ANTI-CORROSION PROTECTION COATING.	D/O					SIGMA 0071 **		SIGMA 0082 **		SIGMA 0082 **
369	14 TH STAGE COMP. WHEEL - SILVER/INDIUM PLATING REMOVAL (REF. CEB 72-1575)	C/3					SIGMA 0071 **		SIGMA 0082 **		SIGMA 0082 **

** = SERVICEABLE/REPAIRABLE PRE MOD. 308 COMPRESSOR WHEELS (i.e. NICKEL/CAD AND ELECTROLESS NICKEL PLATED) SHOULD CONTINUE TO BE REFITTED FOR FURTHER ENGINE RUNNING AS PER CURRENT STANDARD PRACTICE.

* = BRIT. MOD 331 - NEW AND SERVICE RUN WHEELS TO BE MODIFIED.

*** = BRIT. MOD 309 - C AS REQUIRED AT REPAIR AND RECONDITION (ONLY UNUSED STOCK TO BE MODIFIED).

* BRIT MOD 308 STAGES 8,9,13 & 14
 NOT EMBODIED.

SIGMA
0288
**

FORM N^o: AAC-21C
 SHEET: 1 OF 1
 ISSUE: 14 06/04/01

W/O N°: 690-419
 UNIT S/N°: AE-108375

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - CCM BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			WA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DEL	FINAL RESP	
5	FRONT BEARING - STEEL SEPARATOR	D/O			SIGMA 0097 00							SIGMA 0097 00
158	FRONT MAIN BRG - CHANGE OF MATERIAL	D/4			SIGMA 0097 00							SIGMA 0097 00
189	ACC DRIVE SHAFT BRG SEPARATOR - MATERIAL CHANGE	D/4		SIGMA 0097 00			SIGMA 0097 00	SIGMA 0097 00				SIGMA 0097 00
229	EXTENSION SHAFT BRG - MATERIAL CHANGE	D/4		SIGMA 0097 00			SIGMA 0097 00	SIGMA 0097 00				SIGMA 0097 00

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JWO N°: 505-169
 UNIT S/N: AE-106375

MOD **SIEMENS AEROSPACE** **REPAIR**
 MITSUBISHI BRIT. MOODS
 FINAL BUILD STANDARD

MOD N°	Description	CAT	INSPECTION STANDARD				BUILD STANDARD				
			MA	INT	FOUR	FOUR	TO BE	EMFC	EMFC	ED	FINAL
			MA	INT	FOUR	FOUR	TO BE	EMFC	EMFC	ED	FINAL
4	Filter check valve longer pilot assembly	D/E	0256								0203
10	T.D.V. (bracket) of bolted construction	C/3			0256						0203
11	Sec lab seal stator and diffassy olway	C/3			0256						0203
31	Introduction of Tedeco magnetic plugs	B/2			0256			0203			0203
33	Accessory drive shaft oil buffer	C/0			0256						0203
77	Scavenge filter screen in diffuser section	C/0			0256						0203
78	Modified diffuser screen bracket	C/0			0256						0203
79	Comp. Sec lab. Seal - injection contact	D/4			0256						0203
89	Pressure regulating valve - rubber seal <i>NOT DISASSEMBLED</i>	B/3									0147
106	Stainless steel IGV assembly	D/4			0256						0203
112	Modified diffuser scavenge tube	C/4			0256						0203
113	Inlet exhaust cone nut	C/3			0256		0256	0203			0203
120	Modified comb. Liner crossover females	D/4			0256		0256	0203			0203
123	Comp vent air-ol to main engine vent eye	B/2			0256						0203
127	Inlet housing - strut (s with burst 'n')	C/4			0256						0203
130	Bleed collector spacer bottle	C/0			0256						0203
136	Modified diffuser with oil buffer fixed	D/4			0256			0203			0203
140	Removable oil jet tip	D/0			0256						0203
159	Oil pump drive with viton seals <i>NOT DISASSEMBLED</i>	D/4									0147
180	Oil press reg valve - reduced spring length <i>NOT DISASSEMBLED</i>	C/4			0256						0147
227	Comb filter thermocouple ground with lead-in	D/4			0256		0256	0203			0203
259	Scav pump to acc drive (sg - mod seal) <i>NOT DISASSEMBLED</i>	B/2									0203
278	SSV drive gear - mod full length <i>NOT DISASSEMBLED</i>	D/4									0147

FORM N°: AAC-21
 SHEET: 1 OF 2
 ISSUE: 18 10/11/88

EX-MOD-AIRCRAFT.COM

W/O N° 505-169
 UNIT S/N° AE-106375

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CCM FINAL BUILD STANDARD

MOD N°	Description	CAT	INSPECTION STANDARD					BUILD STANDARD				
			MR	NOT SAE	FOUND SAE	FOUND (PART) SAE	TO BE SAE	MRD (PART)	MRD3	SSL	Final NCP	
283	Accessory gearbox scavenge oil union with increased thread diameter and thread engagement torqued into housing at 150-200 b. lbs.	BW0			SIGMA Ø206 **							SIGMA Ø203 **
292	Redesigned airline fitting elbow.	D4			SIGMA Ø206 **							SIGMA Ø203 **
302	Shoulder C.I.T. probe.	BX/3 WITH MOD 106. CX/3 WITHOUT MOD 106.			SIGMA Ø206 **							SIGMA Ø203 **
312	Pressure oil filters assemblies featuring 15-micron filter elements.	CX/3			SIGMA Ø206 **							SIGMA Ø203 **
322	Modified chip detector featuring a larger knurled head.	D/3			SIGMA Ø206 **		SIGMA Ø206 **		SIGMA Ø203 **			SIGMA Ø203 **
326	Engine spray sheet bracket kit.	C/4			SIGMA Ø200 **		SIGMA Ø205 **		SIGMA Ø203 **			SIGMA Ø203 **
ST1 T56-15	P22 reducer elbow installation part N° as 3085-010.	MANDA- TORY			SIGMA Ø206 **		SIGMA Ø206 **		SIGMA Ø203 **			SIGMA Ø203 **
PW ALLISON 715	Control rod from co-ordinator to fuel control unit, P/N 67W854 - security of rod ends.	MANDA- TORY			SIGMA Ø222 **		SIGMA Ø222 **		SIGMA Ø223 **			SIGMA Ø223 **

W/O N°: 505-169
 UNIT S/N°: AE106375

SIGMA AEROSPACE
 MOD T56-A15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR COMBUSTION ANCILLARIES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMBD (PART)	EMBD BY REPL.C	DEL.	FINAL INSP	
7	10 MICRON FILTER COMPRESSOR AIR BLEED	B/3			SIGMA 0145 ***							SIGMA 0145 ***
117	FILTER ASSEMBLY ADDED TO SCAVENGE OIL LINE	B/2	SIGMA 0145 ***									SIGMA 0145 ***
132	FUEL HOSE FIRESLEEVEING - MATERIAL CHANGE	PT1 D/4 PT2 B/2			SIGMA 0145 ***							SIGMA 0145 ***
149	RE-ROUTED SSV EXIT HOUSE (SEE BRIT MOD 101)	B/2			SIGMA 0145 ***							SIGMA 0145 ***
215	REVISED HOSE ASSEMBLY POWER SECTION TO SCAVENGE OIL FILTER	C/3	SIGMA 0145 ***									SIGMA 0145 ***
279	A.C. IGNITER PLUG - TWO PIECE CONSTRUCTION	D/4	SIGMA 0145 ***									SIGMA 0145 ***
304	INTRODUCTION OF FUEL HOSES WITH INTEGRAL FIRESLEEVES	D/4	SIGMA 0145 ***									SIGMA 0145 ***
343	INTRODUCTION OF A NEW IGNITER ASSEMBLY TO PROVIDE IMPROVED SERVICE LIFE	C IN SETS 3 IN SETS WOTSAC			SIGMA 0145 ***							SIGMA 0145 ***

EX-MOD-AIRCRAFT.COM

W/O N°: 505-189
 UNIT S/N°:

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS
 FINAL BUILD STANDARD - FUEL SYSTEM

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOI	FOURD	FOURD	ED BL	EMD E	EMD E	DEL	FINAL	
			END	END	END	(PART)	END	(PART)				
13	FCU THERMO-CONTROL WITH INCONEL BELLOW	B/A			SIGMA 0180 ***							SIGMA 0180 ***
101	SSV OF SIMPLIFIED CONSTRUCTION	D/O			SIGMA 0180 ***							SIGMA 0180 ***
164	SSC MODIFIED DRIVE COUPLING	B/O			SIGMA 0180 ***							SIGMA 0180 ***
228	MODIFIED FUEL FILTER PRESSURE SWITCH	DALT/ AALT			SIGMA 0180 ***							SIGMA 0180 ***
235	FCU BENDIX MOD CP-5032 NYLON SLUBBING BLOCK	C/O			SIGMA 0180 ***							SIGMA 0180 ***
260	STRENGTHENED FCU THERMOSTAT CAPILLARY AND TUBES	D/A			SIGMA 0180 ***							SIGMA 0180 ***
267	DELETION FROM CO-ORDINATOR CONTROL ASSY (AT REPAIR AND RECTIFICATION ONLY) OF REDUNDANT 5S MICROSWITCH	C/O/S			SIGMA 0180 ***							SIGMA 0180 ***
320	MODIFIED TEMPERATURE DATUM VALVE INCORPORATING MULTIPLE DESIGN IMPROVEMENTS	S.O.O. FOR 3 SETS.			SIGMA 0180 ***							SIGMA 0180 ***
327	INTRODUCTION OF A REWORKED THERMOSTAT PROBE USED ON AP-83 FUEL CONTROL UNIT	C/O			SIGMA 0180 ***							SIGMA 0180 ***

W/O N°: 505-169
 UNIT S/N°: AE-106377



AEROSPACE REPAIR

TS 15 BRIT. MOOS
 BUILD STANDARD
 TO INCREASING SUB ASSEMBLY

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOI	FOUND	FOUND	12 BR	SMO'S	SMO'S	ENL	FALL	
			NOI	NOI	FOUND	FOUND	12 BR	SMO'S	SMO'S	ENL	FALL	
12	1ST STAGE VANE ASSEMBLY WITH TIE BAR	D10			0206	0206		0203	0203		0203	
83	COMP CASING SPLITLINE BOLTS - SERMETAL "W"	C14			0206	0206		0203	0203		0203	
85	COMP VANES - ALUMINIUM AIRSEALS	D14			0206	0206		0203	0203		0203	
122	COMP ROTOR 1ST-2ND STG RELATIONSHIP*	C14			0206				0203	0203	0203	
125	14TH STG WHEEL - MATERIAL CHANGE	D14			0206				0203	0203	0203	
131	COMP CASING SERMETAL "W" COATING	C14			0206	0206		0203	0203		0203	
133	2ND-3RD COMP VANES - CHANGE OF ADHESIVE	D14			0206	0206		0203	0203		0203	
231	COMP BLEED MANIFOLD ASSY ALSEAL 500 COATED	D14			0206				0203	0203	0203	
308	COMP WHEELS STAGES 2 TO 14 WITH SERMETAL 2241 COATING	C10			0206	0206		0203	0203		0203	
309	SHOT PEENED STAGE 1 COMP WHEEL <i>NOT DISINTEGRATED</i>	C10			0206	0206		0203	0203		0203	
333	1st STAGE COMP. WHEEL FEATURING AL-1 ANTI-CORROSION PROTECTION COATING <i>NOT DISINTEGRATED</i>	D10			0206	0206		0203	0203		0203	

* - SERVICEABLE/REPAIRABLE (PRE MOD. 308 COMPRESSOR WHEELS (i.e. NICKEL/CO AND ELECTROLESS NICKEL PLATED) SHOULD CONTINUE TO BE REFITTED FOR FURTHER ENGINE RUNNING AS PER CURRENT STANDARD PRACTICE.

* - BRIT MOD 333 - NEW AND SERVICE WHEELS TO BE MODIFIED

* - BRIT MOD 309 - C AS REQUIRED AT REPAIR AND RECONDITION (ONLY UNUSED STOCK TO BE MODIFIED)

FORM N° AAC-31C
 SHEET: 1 OF 1
 ISSUE: 13 20/11/07

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W/O N°: 505-189
 UNIT S/N: AE-106375

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - CCM BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD				
			NA	ACT	FINISH	FINISH	NO BL	EMTS	EMTS	DEL.	FINAL
			EMTS	EMTS	EMTS	EMTS	EMTS	EMTS	EMTS	EMTS	
5	FRONT BEARING - STEEL SEPARATOR	DR			SIGMA Dist 001						SIGMA Dist 001
158	FRONT MAIN BRG - CHANGE OF MATERIAL	DM			SIGMA Dist 001						SIGMA Dist 001
180	ACC DRIVE SHAFT BRG SEPARATOR - MATERIAL CHANGE	DM			SIGMA Dist 001						
229	EXTENSION SHAFT BRG - MATERIAL CHANGE	DM			SIGMA Dist 001						

MOD

FORM N° AAC-210
 SHEET: 1 OF 1
 ISSUE: 0 20/1/97

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FIELD AIRMOTIVE LTD.
 NO. D. T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR COMBUSTION ASSEMBLY

FILE No: 4F106375 WORKS ORDER No: 401-020-1276

QD No.	DESCRIPTION	CAT.	FOUND ENG BY FAS	TO BE ENG BY FAS	FINAL INSP.
1	FILTER CHECK VALVE LONGER PILOT ASSEMBLY	D/0		123	87
2	T.O.V. BRACKET BY BOLTED CONSTRUCTION	C/3	123		87
3	SEC LAB SEAL STATOR AND DIFF ASSY OILWAY	C/3	123	123	87
33	INTRODUCTION OF TEDECO MAGNETIC PLUGS	S/2	15		87
52	ACCESSORY DRIVE SHAFT OIL BAFFLE	D/0	123		87
77	SCAVENGE FILTER SCREEN IN DIFFUSER SECTION	C/0	123		87
78	MODIFIED DIFFUSER SCREEN BRACKET	C/0	123		87
83	COMP. SEC LAB. SEAL - INTERFACE SECTION	C/4	123	123	87
84	INTERLUPE REVERSING VALVE - SUPER	S/3		15	87
85	STAINLESS STEEL IGV ASSEMBLY	D/4		123	87
86	INTERLUPE REVERSING VALVE - SUPER	C/0	123		87
87	IGNITION EXHAUST COVER FIT	C/3		123	87
88	MODIFIED COMP. LINES CROSSOVER STRUCTURE	D/4	123	123	87
89	COMP VENT AIR-OIL TO MAIN ENGINE VENT SYS	S/3	123		87
97	WHEEL HOUSING - STREET L/E WITH DUCK 'S'	C/4		123	87
98	BLISS COLLECTION BRUSH BAFFLE	C/0	123		87
96	MODIFIED DIFFUSER WITH OIL BAFFLE FITTED <i>MODIFIED BY TEAFER 85</i>	D/4	123		87
10	REMOVABLE OIL JET TIPS	D/0	123		73
59	OIL PUMP DRIVE WITH VITON SEALS	D/4		15	73
30	OIL PRESS REG VALVE - REDUCED SPRING LENGTH	C/4		15	80
27	COMP LINER THERMOCOUPLE GROMS WITH LEAD-IN	D/4	123	123	87
59	SCAV PUMP TO ACC DRIVE HSG - MOD SEAL	B/2		15	73
78	SSV DRIVE GEAR - MOD FULL LENGTH GEAR <i>(to 10/2/8)</i>	D/4		73	73

FIELD AIRCRAFT LTD.

SERIAL No: AE10637E

WORKS ORDER No: 401-000-1276

MOD No	DESCRIPTION	CAT.	FOUND EGR BY FAM	TO BE EGR BY FAM	FINAL INSP
293	ACCESSORY GEARBOX SCAVENGE OIL UNION WITH INCREASED THREAD DIAMETER AND THREAD ENGAGEMENT TORQUED INTO HOUSING AT 150-200 LB. INCH.	EX/0		123	73
294	REDESIGNED AIR LINE FITTING ELBOW ^{4/8} 123	D/4			73
302	SHROUDED C.I.T. PROBE.	EX/3 WITH MOD 106, CN/3 WITHOUT MOD 106.	123		73
310	PRESSURE OIL FILTERS AMENDED FEATURING 1/2" WIDER FILTER EDGE ^{1/2" 2x2x2x2x2} 123	EX/3			73
322	MODIFIED OIL SENSOR FEATURING LARGER SCREWED HEAD.	EX/3		16	73
324	EXHAUST VALVE GASKET ASSEMBLY KIT.			123	73

FIELD AIRMOTIVE LIMITED
 R.C.D. 750-A-15 BRIT. MODS.

FINAL BUILD STANDARD
 COMPRESSOR ROTOR/CASING SUB ASSY.

SERIAL No. 4E106375 WORKS ORDER No. 401-000-1276

MOD No.	DESCRIPTION	CAT.	FOUND EMB BY FAM	TO BE EMB BY FAM	FINAL INSP
11	1ST STAGE VANE ASSEMBLY WITH TIE BAR	D/0			
53	COMP CASING SPLITLINE BOLTS - STEEL "W"	C/3			
55	COMP VANES - ALUMINIUM AIRSEALS	D/3			
112	COMP ROTOR 1ST-2ND STG RELATIONSHIP	C/3			
113	1ST STG WHEEL - BALANCE CHECK				
114	COMP CASING STEEL "W" - CONTINUED	C/3			
115	2ND-3RD STG VANES - CHANGE TO ALUMINIUM				
116	COMP BUSH MANIFOLD WITH KEYS & SLAVES				
118	COMP WHEELS STAGES 2 TO 14 WITH FINISHING 2241 COATING JMC 2, 3, 4, 5, 10, 11, 12 - No Emb.				
119	SHOT PEENED STAGE 1 COMP WHEEL Not Emb.				
333	1st STAGE COMP. WHEEL FEATURING AN ANTI-CORROSION PROTECTION COATING. Not Emb.	D/0			

** = SERVICEABLE/REPAIRABLE PRE MOD. 308 COMPRESSOR WHEELS (i.e. NICKEL/CAD AND ELECTROLESS NICKEL PLATED) SHOULD CONTINUE TO BE REFITTED FOR FURTHER ENGINE RUNNING AS PER CURRENT STANDARD PRACTICE.

* = BRIT. MOD 333 - EXISTING NEW STOCK AND NEW SUPPLIES TO BE MODIFIED.

*** = BRIT. MOD 309 - C AS REQUIRED AT REPAIR AND RECONDITION (ONLY UNUSED STOCK TO BE MODIFIED).

FORM No: A-A-C 21C
 SHEET 1 OF 1
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FIELD AIRCRAFT SERVICES (CROYDON) LTD.

M.O.D. T52-A-15 BRIT.MODS.

FINAL BUILD STANDARD

COMPRESSOR BEARINGS

401.000 17

SERIAL NO. AE106375

WORKS ORDER NO. _____

ISSUE NO.	DESCRIPTION	DATE	FOUND EMB BY FAS	TO BE EMB BY FAS	F	IT
5	FRONT BEARING - STEEL SEPARATOR	0/0	115			
75	FRONT MAIN BRG - CHANGE OF MATERIAL	0/4	110			
139	ADD DRIVE SHAFT BRG SEPARATOR - MATERIAL CHANGE NOT EMBODIED 115	0/4				
225	EXTENSION SHAFT BRG - MATERIAL CHANGE NOT EMBODIED 115	0/4				

FORM NO: A-A-C 210
SHEET 1 OF 1

ISS 1

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that COMPRESSOR COMBUSTION MODULE Mark T56-A-15 Serial No AE106375 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 690/419 (23 8198)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during [* construction
* reconditioning
* repair

Modifications Embodied: 113, 120, 189, 227, 229, 308 (PART EMBODIED) 2nd, 3rd, 4th, 5th, 6th, 7th, 10th, 11th & 12th STAGES ONLY), 309, 333, 362 PART "B" & 369.

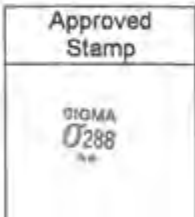
Modifications Removed: NIL

Technical Instructions Fulfilled: PWI/ALLISON/16.

Date 31/07/2003 Signed [Signature]
* Service } Authorized Signatory
* Contractor }

at Unit/Works Sigma Aerospace Limited

Delete as necessary (NOTE: Continue overleaf if necessary)



EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Allison Engine Mark T.56 Serial No AE 106375 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC23A/2034 Job No _____

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

- * construction
- * reconditioning
- * repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled:

SI/ALLISON/9
STI/ALLISON/ 17A

Approved Stamp
MA 22 G.D.

Date 10 AUG 2000 Signed [Signature] * Service * Contractor] Authorized Signatory
at Unit/Works Marshall of Cambridge Aerospace Ltd, The Airport, Cambridge, CB5 8RX

Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE-106375 has been inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 505-169

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired @ 4316:00 hrs. T.S.O.

- * construction
- * reconditioning
- * repair

Modifications Embodied:

Nil.

Modifications Removed:

136.

Technical Instructions Fulfilled:

STI T56/15.
PWI/Allison/16.

Approved
Stamp

SIGMA
0109
**

Date 09-02-2000 Signed [Signature]

* Service
* Contractor } Authorized Signatory

at Works Sigma Aerospace Ltd.

Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-NOV AIRCRAFT.COM

Inspection, Test and Modification Certificate


MOD Form 753
(Revised Dec 86)

certified that Allison Engine Mark T56 Serial No AE 106375 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC23A/2008 Job No _____
Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during construction reconconditioning repair

Modifications Embodied: _____

Modifications Removed: _____

Technical Instructions Fulfilled: SI/ALLISON/9

Date -2 SEP 1998 Signed  * Service * Contractor Authorized Signatory
at Unit/Works Marshall of Cambridge Aerospace Ltd, The Airport, Cambridge, CB5 8RX
Delete as necessary (NOTE: Continue overleaf if necessary)

Approved Stamp
SEP 22 Q.D.

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that ALLISON ENGINE Mark T.56 Serial No AE.106375 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A7a/1029 Job No _____
Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

* Engine / ECU Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during [* construction
* reconditioning
* repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled:

PWI/DSM2/ALLISON T56/11

SI/ALLISON/5

Approved Stamp

M.F.S.
575

Date 16.4.92 Signed [Signature] ~~XXXXXX~~ * Contractor } Authorized Signatory

At ~~WORK~~ / Works MARSHALL OF CAMBRIDGE (ENGINEERING) LIMITED, AIRCRAFT DIVISION.

* Delete as necessary

(NOTE: Continue overleaf if necessary).

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE106375 has been inspected and tested and is fit for service *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 401 000 1276

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

Engine / ECU Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

* construction
* conditioning
* repair

Modifications Embodied:

4,11,12,79,83,85,86,106,113,120(1 off),127,131,133,159,180,227(1 off),259,283,308(4 off),322 & 326.

Modifications Removed:

Nil

Technical Instructions Fulfilled:

Nil

Approved Stamp



Date 18-04-91

Signed [Signature]

* ~~Service~~

* Contractor

} Authorized Signatory

At Unit / Works Field Automotive Limited.

Delete as necessary

(NOTE: Continue overleaf if necessary).

EX-MOD-AIRCRAFT.COM

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			APL	NOT ENG	FOUND ENG	FOUND (PART) ENG	TO BE BMB	EMD'S (PART)	EMD'S BY INCL C	DEL.	FINAL INSP
3	FRONT BEARING SEAL RING IN ONE PIECE	C4			SIGMA 0111		SIGMA 0111		SIGMA 0028		SIGMA 0028
6	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D10			SIGMA 0034		SIGMA 0034		SIGMA 0002		SIGMA 0002
8	REAR BEARING ONE PIECE OIL SEAL	D10			SIGMA 0111						SIGMA 0028
25	COMBUSTION INNER CASING LINER 'O' RING	C10			SIGMA 0111						SIGMA 0028
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C10			SIGMA 0111						SIGMA 0028
140	REMOVABLE OIL JET TIP	D10					SIGMA 0111				SIGMA 0028
144	1ST STAGE WHEEL DESIGN CHANGES	D14			SIGMA 0111						SIGMA 0028
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C13			SIGMA 0111						SIGMA 0028
223	THICK WALL TURBINE VANE CASING	D14			SIGMA 0111						SIGMA 0028
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED	D14			SIGMA 0111						SIGMA 0028
270	ONE PIECE REAR BEARING OIL TUBE	D14			SIGMA 0111						SIGMA 0028
290	REAR BEARING SUPPORT REPLACEMENT	D14			SIGMA 0111						SIGMA 0027
370	1 st - 2 nd STAGE SPACER - INSPECTION FOR PROPER HEAT TREATING (RE-CEB. A-72-1531)	C12					SIGMA 0111				SIGMA 0028
371	1 st - 2 nd - 3 rd & 4 th STAGE WHEELS - INSPECTION FOR PROPER HEAT TREATING (RE-CEB. 72-1531)	Satisfy by C12 S/25			SIGMA 0111						SIGMA 0028
C.O.I.L. 1520	INSPECTION OF 3 rd STAGE WHEEL FOR CRACKING	Satisfy by S/14			SIGMA 0111						SIGMA 0028

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CEB SHEET - TURBINE GUIDE VANES
 FINAL BUILD STANDARD
 TURBINE ASSEMBLY

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD				
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY	DEL	FINAL INSP
10	1ST STAGE GUIDE VANES - CHANGE OF MATERIAL	SEE MOD235									SIGMA 0028
11	1ST STAGE GUIDE VANE SADDLES - MATERIAL CHANGE	D/4							SIGMA 0028		SIGMA 0028
12	1ST STAGE GUIDE VANES - RESET OIL AEROFOIL	D IN SETS/ 4 IN SETS							SIGMA 0028		SIGMA 0028
20	2ND STAGE VANE SEGMENTS - SOLID AEROFOIL	D/0			SIGMA 0111		SIGMA 0111		SIGMA 0028		SIGMA 0028
30	1ST STAGE GUIDE VANES REPAIR SCHEME	C/4									SIGMA 0028
40	PART 1 - 1ST STAGE GUIDE VANES	D/4 IN SETS							SIGMA 0028		SIGMA 0028
50	PART 2 - 2ND STAGE GUIDE VANES	D/0 IN SETS			SIGMA 0111		SIGMA 0111		SIGMA 0028		SIGMA 0028
60	PART 5 - GUIDE VANE SADDLES	D/0 IN SETS							SIGMA 0028		SIGMA 0028

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MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			AVG	NOT ENG	FOUND ENG	FOUND (PART) ENG	TO BE ENG	EMPG (PART)	EMPT BY REPL.C	DEL	FINAL USE	
179	1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/4		SIGMA Ø25 **								SIGMA Ø24
184	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/4		SIGMA Ø25 **								SIGMA Ø24
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/4		SIGMA Ø25 **								SIGMA Ø24
291	1ST STAGE ROTOR BLADES IN MAR-M246 REPLACING BLADES IN INCO 738 MATERIAL	C IN SETS/0							SIGMA Ø24			SIGMA Ø24
320	PART 3 - 1ST STAGE ROTOR BLADES	D/0 IN SETS		SIGMA Ø24								SIGMA Ø24
	PART 4 - 2ND STAGE ROTOR BLADES	D/0 IN SETS			SIGMA Ø25 **							SIGMA Ø24

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MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD			
			NR	REF. S/N	PLANO. S/N	PLANO. S/N (2)	TO BE S/N	S/N'S (PART)	S/N'S (BY S/N'S)	S/N
179	1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/4				17		98		98
184	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/4		17						98
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/4			17				98	98
291	1ST STAGE ROTOR BLADES IN MAR-M246 REPLACING BLADES IN INCO 738 MATERIAL	C IN SETS/O			17					98
320	PART 3 - 1ST STAGE ROTOR BLADES	D/0 IN SETS		17						98
	PART 4 - 2ND STAGE ROTOR BLADES	D/0 IN SETS				17		98		98

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MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOT BDR	FOUND BDR	FOUND (PART) BDR	TO BE BDR	DATE U. (PART)	DATE U. BY (PART)	INC.	FINAL BDR	
2	IMPROVED THERMOCOUPLE ASSEMBLY	SUP'D BY 245										
14	THERMOCOUPLE ASSEMBLY - HASTELLOY CASTING	SUP'D BY 245										
245	THERMOCOUPLE ASSEMBLY - DIMENSIONAL CHANGES	D14										

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MOD

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			REV	REV DATE	ISSUE DATE	ISSUE PARTS	ISSUE DATE	ISSUE PARTS	ISSUE DATE	ISSUE PARTS		
3	FRONT BEARING SEAL RING IN ONE PIECE	C/H			REFC 53		REFC 53		HAM 105		HAM 105	
6	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D/O			HAM 102						HAM 105	
8	REAR BEARING ONE PIECE OIL SEAL	D/O			REFC 53						HAM 105	
25	COMBUSTION INNER CASING LINER "O" RING	C/O			REFC 53						HAM 105	
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C/O			REFC 53						HAM 105	
124	1ST STAGE GUIDE VANES - CHANGE OF MATERIAL	SEE MOD238										
140	REMOVABLE OIL JET TIP	D/O				REFC 53					HAM 105	
144	1ST STAGE WHEEL DESIGN CHANGES	D/H			REFC 53						HAM 105	
178	1ST STAGE GUIDE VANE SADDLES - MATERIAL CHANGE	D/H			REFC 53						HAM 105	
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C/O			REFC 53						HAM 105	
223	THICK WALL TURBINE VANE CASING	D/H			REFC 53						HAM 105	
238	1ST STAGE GUIDE VANES - RESET OIL AEROFOIL	D IN SETS / 4 IN SETS			REFC 53		REFC 53		HAM 140		HAM 105	
251	2ND STAGE VANE SEGMENTS SOLID AEROFOIL	D/O			REFC 53		REFC 53		HAM 140		HAM 105	
253	REAR BEARING SEAL - 1/2WD FORWARD SEALS REMOVED	D/H			REFC 53				HAM 105		HAM 105	
270	ONE PIECE REAR BEARING OIL TUBE	D/H			REFC 53						HAM 105	
290	REAR BEARING SUPPORT REPLACEMENT	D/H			REFC 53				HAM 105		HAM 105	

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			MR	DET	FORM	FORM PART	TO BE	SHED PART	SHED BY	MR	FORM
307	1ST STAGE GUIDE VANES REPAIR SCHEME	C/4				53		HAM 105			HAM 105
320	PART 1 - 1ST STAGE GUIDE VANES	Q4 IN SETS				53		HAM 105			HAM 105
	PART 2 - 2ND STAGE GUIDE VANES	Q10 IN SETS			53			HA 146			HA 146
	PART 5 - GUIDE VANE SADDLES	Q10 IN SETS			53						HAM 105
401L ISL	3RD STAGE TUNING WHEEL EXHIBIT REQUEST	SAW 100-27				53					

EX-MOD-AIRCRAFT.COM

W/O N°: 690-150
 UNIT S/N°: TA134

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE ANCILLARIES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMBO (PART)	EMBO BY REPL/C	DEL	FINAL INSP	
2	IMPROVED THERMOCOUPLE ASSEMBLY	SUP'D BY 245										
14	THERMOCOUPLE ASSEMBLY - HASTELLOY CASTING	SUP'D BY 245										
245	THERMOCOUPLE ASSEMBLY - DIMENSIONAL CHANGES	D/4										

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 ISSUE: 6 15/1/88

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MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			MR	NOT MR	ADJUD. MR	FORWARD (PART) MR	TD IN MR	EMV'S (PART)	EMV'S BY SETL'S	DEL.	FINAL MR
3	FRONT BEARING SEAL RING IN ONE PIECE	C/4			SIGMA 0250 **		SIGMA 0250 **		SIGMA 0250 **		SIGMA 0250 **
6	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D/0			SIGMA 0130 **		SIGMA 0130 **		SIGMA 0130 **		SIGMA 0130 **
8	REAR BEARING ONE PIECE OIL SEAL	D/0			SIGMA 0250 **						SIGMA 0250 **
25	COMBUSTION INNER CASING LINER 'O' RING	C/0			SIGMA 0250 **						SIGMA 0250 **
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C/0			SIGMA 0250 **		SIGMA 0250 **		SIGMA 0250 **		SIGMA 0250 **
124	1ST STAGE GUIDE VANES - CHANGE OF MATERIAL	SEE MOD238			SIGMA 0150 **						SIGMA 0150 **
140	REMOVABLE OIL JET TIP	D/0				SIGMA 0250 **					SIGMA 0250 **
144	1ST STAGE WHEEL DESIGN CHANGES	D/4			SIGMA 0250 **						SIGMA 0250 **
178	1ST STAGE GUIDE VANE SADDLES - MATERIAL CHANGE	D/4			SIGMA 0250 **		SIGMA 0250 **		SIGMA 0250 **		SIGMA 0250 **
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C/3			SIGMA 0250 **						SIGMA 0250 **
223	THICK WALL TURBINE VANE CASING	D/4			SIGMA 0250 **						SIGMA 0250 **
238	1ST STAGE GUIDE VANES - RESET OIL AEROFOIL	D IN SETS 4 IN SETS			SIGMA 0250 **		SIGMA 0250 **		SIGMA 0250 **		SIGMA 0250 **
251	2ND STAGE VANE SEGMENTS - SOLID AEROFOIL	D/0			SIGMA 0250 **						SIGMA 0250 **
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED	D/4			SIGMA 0250 **						SIGMA 0250 **
270	ONE PIECE REAR BEARING OIL TUBE	D/4			SIGMA 0250 **						SIGMA 0250 **
290	REAR BEARING SUPPORT REPLACEMENT	D/4			SIGMA 0250 **						SIGMA 0250 **
307	1ST STAGE GUIDE VANES REPAIR SCHEME	C/4				SIGMA 0250 **				SIGMA 0250 **	SIGMA 0250 **

W/O N^o: 690-150
 UNIT S/N^o: TA134

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE ASSEMBLY

MOD N ^o	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			VAL	HOT VIB	ROUND ENDS	FORGING PARTS ENDS	TU BE ENDS	ENBTD (PART)	ENBTD BY REPL.C	DEL.	FINAL S&P	
320	PART 1 - 1ST STAGE GUIDE VANES	D/4 IN SETS			SIGMA 0725 **		SIGMA 0725 **		SIGMA 0725 **		SIGMA 0725 **	
	PART 2 - 2ND STAGE GUIDE VANES	D/0 IN SETS			SIGMA 0725 **		SIGMA 0725 **		SIGMA 0725 **		SIGMA 0725 **	
	PART 5 - GUIDE VANE SADDLES	D/0 IN SETS			SIGMA 0725 **		SIGMA 0725 **		SIGMA 0725 **		SIGMA 0725 **	
C.O.J.L 1520	INSPECTION OF 3 RD STAGE WHEEL FOR CRACKING		SIGMA 0732 **								SIGMA 0732 **	
C.E.B. A-72-1521	1 ST -2 ND STAGE SPACER - INSPECTION FOR PROPER HEAT TREATING						SIGMA 0732 **		SIGMA 0732 **		SIGMA 0732 **	

NOTE: C.E.B. A-72-1521 MAY BE CONVERTED INTO A BRIT. MOD OR ANOTHER APPROPRIATE R.A.F DOCUMENT AT A LATER DATE.

Inspection, Test and Modification Certificate

Certified that TURBINE MODULE Mark T56-A-15 Serial No TA134 has been

inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No 5000462154 Job No 124-188 (27-11411)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

RECONDITIONED I.A.W. ITEM 5. T.S.O. 00.00.Hrs.

Modifications Embodied:
291

Modifications Removed:
Nil

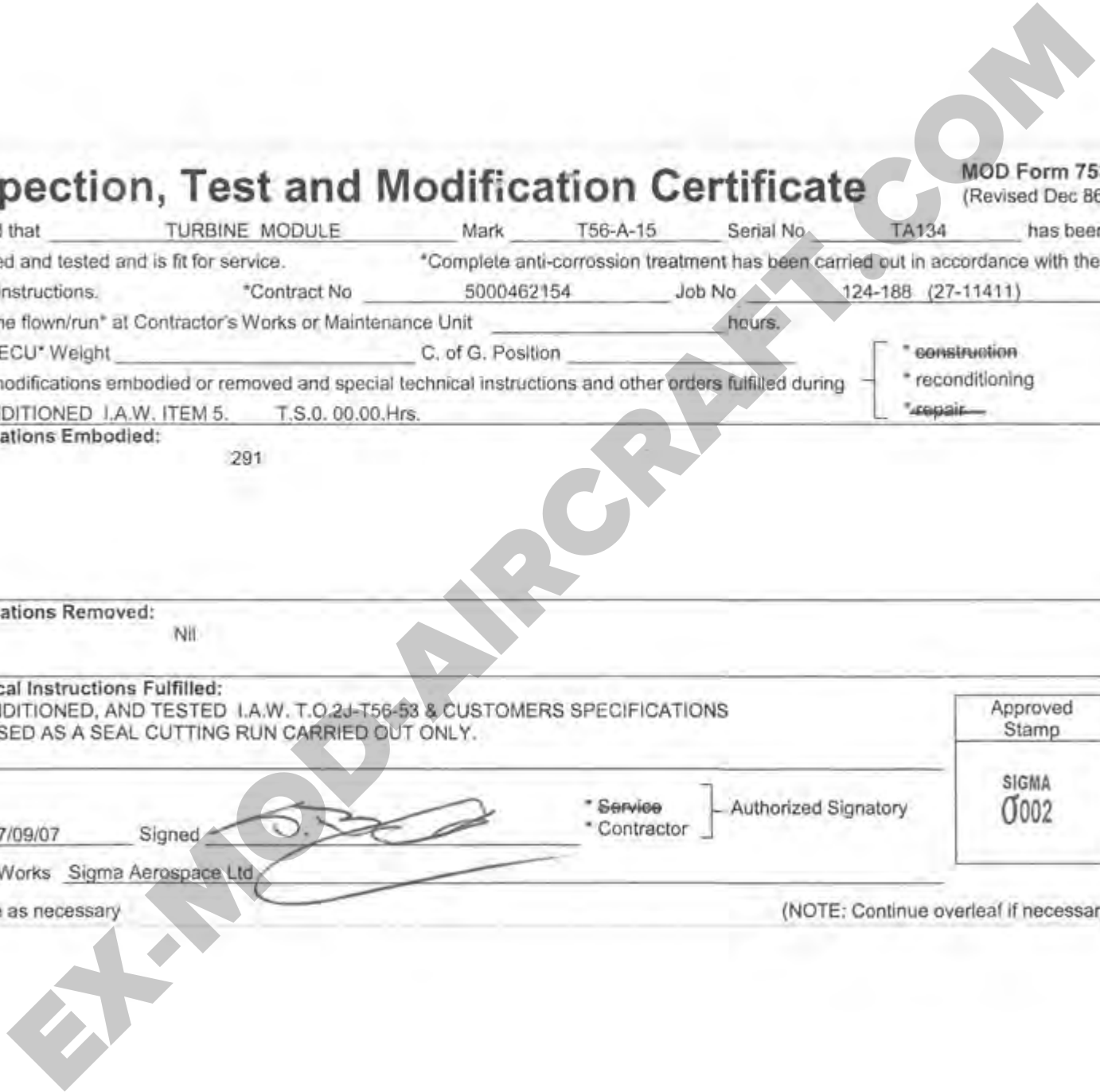
Technical Instructions Fulfilled:
RECONDITIONED, AND TESTED I.A.W. T.O.2J-T56-53 & CUSTOMERS SPECIFICATIONS
RELEASED AS A SEAL CUTTING RUN CARRIED OUT ONLY.

Approved Stamp
SIGMA 0002

Date 27/09/07 Signed  * Service * Contractor } Authorized Signatory

At Unit/Works Sigma Aerospace Ltd

* Delete as necessary (NOTE: Continue overleaf if necessary)



Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that TURBINE MODULE Mark T56-A-15 Serial No TA134 has been

inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the

current instructions. *Contract No SMC22B2/212 Job No 690/150 (22 21073)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

REPAIRED @ 2355:00 HOURS T.S.O.

Modifications Embodied: C.E.B. A-72-1581 (BRIT MOD 370.)

- * construction
- * reconditioning
- * repair

Modifications Removed: 307.

Technical Instructions Fulfilled: NIL.

Approved
Stamp

SIGMA
0288
118

Date 27/11/2002 Signed A Marshall

* Service } Authorized Signatory
* Contractor }

Unit/Works Sigma Aerospace Limited

Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Turbine Module Mark T56-A15 Serial No TA134 has been inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 401 000 7022

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

- * construction
- * reconditioning
- * repair

Modifications Embodied:

245, 253, 290, 307(part), 320pt.2, 320pt.4.

Modifications Removed:

222, 320pt.1.(13off).

Technical Instructions Fulfilled:

C.O.I.L.1520.

Date 11-03-98 Signed _____

at Works Hunting Aviation Ltd.

* Service x
* Contractor } Authorized Signatory



Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

ALLISON REDUCTION GEARBOX RUN SHEET.

RGN Serial No. 14026959 Works/order No. 690-427 Customer. M.D.S
Test schedule. TUES. 14/1/03 Date. 14/1/03 O/H No. n/a

Time start. 9 AM OIL type. AG65W/500

DISPERVED PARAMETERS	Oil In psi	Oil scav psi	Main oil psi	Oil in temp	Oil out temp	Oil flow	Vibration
<u>10/1</u>	<u>5</u>	<u>45</u>	<u>185</u>	<u>60°C</u>	<u>90°</u>	<u>13.0</u>	<u>0.3</u>

Shutdown time. 10 AM Prop brake check. OK
 Oil consumption. nil Accessories leakage. nil Acc/Bags. OK

Reason for rejection.

adjustments. Main oil pressure. AG65

Operator. [Signature]

Inspector. [Signature] 14/1/03

EX-MOD-AIRCRAFT.COM

W/O N°: 690-427
 UNIT S/N°: AG026839

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - REDUCTION GEARBOX

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPLY	DEL	FINAL INSP	
9	STRENGTHENED OIL PUMP SHAFT	D/0			SIGMA 0097							SIGMA 0083
31	TEDECO MAGNETIC CHIP DETECTORS ^{SIGMA} REF A130LLS ₀₀₉₇	B/2			SIGMA 0288							SIGMA 0288
104	LOCK POWER TRAIN BRGS & REAR PIN BRG OIL JET. ALSO SEE FORM AAR-13A	B/0			SIGMA 0097							SIGMA 0083
119	SIDE MAG CHIP DETECT - REMAINS SCREW TYPE ^{SIGMA} REF A130LLS ₀₀₉₇	B/2			SIGMA 0288							SIGMA 0288
129	MODIFIED OIL PUMP AND FILTER ASSY.	B/0			SIGMA 0097							SIGMA 0083
134	MODIFIED GEAR BOX CASING - OIL MIST	D/0			SIGMA 0097							SIGMA 0083
139	3 PIECE RING GEAR	C/WOTSA C/0			SIGMA 0097							SIGMA 0083
145	MAIN DRIVE GEAR BRG BORE-SUPERSEDES MOD. B7	C/4			SIGMA 0097							SIGMA 0083
159	VITON SEALS - OIL PUMP DRIVES	D/4					SIGMA 0097	SIGMA 0203				SIGMA 0203
175	MOD NUTS AND LOCKING WASHERS - ACC DRIVES	C/4			SIGMA 0097		SIGMA 0097	SIGMA 0083				SIGMA 0083
198	POSITIVE OIL FEED TO TACHO DRIVE SHAFT BEARINGS	B/0			SIGMA 0097							SIGMA 0083
241	STARTER DRIVE SHAFT MAGNETIC SEAL	D/4			SIGMA 0097		SIGMA 0097	SIGMA 0083				SIGMA 0083
255	INTRODUCTION OF PROPELLER BRAKE OIL PASSAGE, OIL SEAL	CX/4			SIGMA 0097							SIGMA 0083
258	START DRIVE SHAFT MAG SEAL - SPACER AND SNAP RING ADDED	D/4			SIGMA 0097		SIGMA 0097	SIGMA 0083				SIGMA 0083
269	MAIN DRIVE GEAR MOLYBDENUM PLASMA SPRAYED	C/0			SIGMA 0097							SIGMA 0083
273	OIL PUMP DRIVE GEAR - INC WEB THICKNESS	C/4			SIGMA 0097							SIGMA 0083
275	MAIN OIL PRESS ADJ VALVE - REDES SHAFT	D/4		SIGMA 0097			SIGMA 0097					SIGMA 0083
312	PRESSURE OIL FILTER ASSEMBLIES FEATURING 15 MICRON FILTER ELEMENT.	CX/3			SIGMA 0097		SIGMA 0097	SIGMA 0083				SIGMA 0083

M.O.D.

FORM N°: AAR-13
 SHEET: 1 OF 2
 ISSUE: 16 17/12/97

W/O N°: 690-427
 UNIT S/N°: AG026839

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - REDUCTION GEARBOX

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			N/A	HOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL.C	DEL.	FINAL INSP
313	ALTERNATOR AND HYDRAULIC PUMP DRIVE SHAFTS - CASE HARDENING ADDED TO EXTERNAL SPLINES	D/4				SIGMA 0097 **		SIGMA 0083 ** ALT.			SIGMA 0083 **
337	INTRODUCTION OF A CORROSION/ABRASION PROTECTION TREATMENT ON REDUCTION GEARBOX HOUSINGS AND DIAPHRAGM ASSEMBLY	D/4		SIGMA 0097 **							SIGMA 0083 **
TECH NOTE 260	MAIN DRIVE GEAR - SERVICEABILITY CRITERIA <i>REFER BEARINGS</i>	SIGMA 0097 **									
COIL 1529	INCREASE RADIUS IN THE EYEBOLT BOSS & MOUNTING PAD AREA						SIGMA 0097 **	SIGMA 0083 **			SIGMA 0083 **

M.O.D.

W/O N°: 690-427
 UNIT S/N°: AG026839

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - RGB BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL'C	DEL	FINAL RESP	
81	TACHO DRIVE BRGS - STEEL SEPARATORS	D/4			SIGMA 0097 00							SIGMA 0097 00
104	LOCK POWER TRAIN BRGS & REAR PIN BRG OIL JET. ALSO SEE FORM: AAR-13	B/O			SIGMA 0097 00		SIGMA 0097 00		SIGMA 0097 00			SIGMA 0097 00
157	FRONT & REAR PIN BRGS - MATERIAL CHANGE	C/4			SIGMA 0097 00							SIGMA 0097 00
230	PLANET GEAR SEPARATORS - MATERIAL CHANGE	D/4		SIGMA 0097 00								SIGMA 0097 00
254 1 st RE-SUB	MAIN DRIVE GEAR BRG - MATERIAL CHANGE	C/4		SIGMA 0097 00			SIGMA 0097 00		SIGMA 0097 00			SIGMA 0097 00
271	MOD TACHO DRIVE AND IDLER SHAFT BRGS	PT.1C/4 PT.2D/4			SIGMA 0097 00							SIGMA 0097 00
272	MOD HYD PUMP ALT AND STARTER SHAFT BRG	D/4				SIGMA 0097 00						SIGMA 0097 00
TECH NOTE 260	MAIN DRIVE GEAR - SERVICEABILITY CRITERIA <i>SATISFACTORY</i>	SIGMA 0097 00										SIGMA 0097 00
TECH NOTE 275	REAR CARRIER BEARING PART No. 6871650		SIGMA 0097 00									SIGMA 0097 00

MOD Form 753
(Revised Dec 86)

Inspection, Test and Modification Certificate

Certified that REDUCTION GEARBOX MODULE Mark T56-A-15 Serial No AGQ26839 has been

inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the

current instructions. *Contract No SMC22B2/212 Job No 690/427 (23 10311)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair.

Modifications Embodied: 159, 254.

Modifications Removed: NIL

Technical Instructions Fulfilled: COIL 1529 & TECH NOTE 260 "SATISFIED"

Approved
Stamp

SIGMA
0288
42

Date 16/07/03

Signed



* Service

* Contractor

} Authorized Signatory

at Unit/Works Sigma Aerospace Limited

Delete as necessary

(NOTE: Continue overleaf if necessary)

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Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Reduction Gearbox Module Mark T56-A15 Serial No AG026839 has been inspected and tested and is fit for service *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 401-000-3322

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

Engine / ECU Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired at 3818:00 HRS T.S.O.

- * inspection
- * maintenance
- * repair

Modifications Embodied:

159, 241, 255, 258, 273, 312

Modifications Removed:

Nil

Technical Instructions Fulfilled:

Nil

Approved
Stamp



Date 21-08-92

Signed _____

* ~~Signature~~

* Contractor

} Authorized Signatory

~~Workshop~~ / Works Field Airotive Limited

Delete as necessary

(NOTE: Continue overleaf if necessary).

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Reduction Gearbox Module Mark T56-A15 Serial No AGO 26839 has been inspected and tested and is fit for service *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A42A/739 Job No 401 000 3055

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

Engine / ECU Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
 construction
 reconditioning
 repair

Modifications Embodied: Nil

Modifications Removed: Nil

Technical Instructions Fulfilled: Nil

Approved Stamp



Date 18/04/89

Signed

[Signature]

* Service *

* Contractor *

Authorized Signatory

At Unit / Works _____

FIELD AIRCRAFTIVE LIMITED

Delete as necessary

(NOTE: Continue overleaf if necessary).

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that CCM Mark AE.106753 Serial No AE.106753 has been inspected and tested, and is fit for service, A7a/719 * Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A7a/719 *Job No

Total time *flown/run at Contractor's Works or Maintenance Unit hours.

*Engine/E.C.U. Weight C. of G. Position

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

- * construction,
- * reconditioning
- * repair

MODIFICATIONS EMBODIED:

MODIFICATIONS REMOVED:

TECHNICAL INSTRUCTIONS FULFILLED: STI/ALLISON/12

Date 14-1-85 Signed [Signature] M.C.E. Q.C. for Quality Assurance Authority
At MARSHALL OF CAMBRIDGE (ENGINEERING) LIMITED, AIRCRAFT DIVISION

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).

EX-MOD-AIRCRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

FSM 2840-225-0950

Certified that Allison Gearbox Mark T56-A15 Serial No AG026839 has been inspected and tested, and is fit for service.

Current instructions. *Contract No A42A/684 *Complete anti-corrosion treatment has been carried out in accordance with the instructions. *Item 1

Engine/Exhaust Weight 538 Lbs.

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

- ~~reconditioning~~
- ~~reconditioning~~
- ~~reconditioning~~

MODIFICATIONS EMBODIED: - 31 (Pt.), 104, 119, 129, 134 (Pt. 3), 139, 145, 157, 175, 198. MODIFICATIONS REMOVED

TECHNICAL INSTRUCTIONS FULFILLED: - S.T.I/Allison/7

Inhibited with ESS023/80 Oil.

Date 27.3.84 Signed [Signature] SIA 452 for: Chief Inspector

At Rolls-Royce Ltd., Ansty.

Delete as necessary.

(NOTE: Continue overleaf, if necessary).

EX-MOD-AIRCRAFT.COM

Date	Unit	Job No	Comp. Life Consumed	Work Details
27.3.84	Rolls-Royce		Nil	Reconditioned under Item 1 of CTT:A4.2A/684

Card Serial No of

COMPONENT RECORD CARD

MOD Form 735A
(Revised Feb 80)

1 Allison Gearbox AG.026839 AUTHORIZED LIFE 70

2 TRANSFER AND INSTALLATION DETAILS

Date	Unit From	Unit to/ Installed in/ Removed From	Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Component		
				Part	Total	
27.3.84	Rolls-Royce	Lynham	Nil	Nil	Nil	Allot: 53204
14.9.84	LYNEHAM	Q 115	12228	-	Nil	FITTED.
23.10.87	LYE	REN Q115	14477	2254	2254	2322.XV 214 251087
19.04.89	F.A.LTD	LYNEHAM	-	2254	2254	640/541750 - REPAIRED
	LYE	Fir Q242	13285	-	2254	
22.3.91	LYN	Q242	14869	1564	3818	REMOVED
19.08.92	FA LTD	LYNEHAM	-	-	3818	640/693805L - REPAIRED
22.05.92	LYN	Q092	15038	-	3818	REMOVED
27.11.02	LYN	REN Q092	21525.35	6487.35	10305.35	3621XV240050202
16/07/03	SIGMA APPROVED	LYNEHAM	-	-	Nil	RECONDITIONED 640/No.103362W
27.11.03	LYN	Fir Q227	11655.20	-	0	3022XV301311003
					13243.51	

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that TORQUEMETER MODULE Mark T56-A-15 Serial No A12726 has been

Inspected and tested and is fit for service. *Complete anti-corrossion treatment has been carried out in accordance with the

current instructions. *Contract No SMC22B2/212 Job No 690/474 (23 12065)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ G. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during
REPAIRED @ 20667:05 HOURS T.S.O. * construction
* reconditioning
* repair

Modifications Embodied: NIL

"RELEASED UNTESTED"

Modifications Removed: NIL

Technical Instructions Fulfilled: NIL

Approved
Stamp

Date 03/09/03

Signed

B Marshall

* Service
* Contractor

Authorized Signatory

SIGMA
0288
UK

At Unit/Works Sigma Aerospace Limited

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Torquemeter Module Mark T56-A15 Serial No A-12726 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 401 000 5234

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

* Engine / ECU Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired at 14,958:00 hrs. T.S.O.

construction
 reconditioning
 repair

Modifications Embodied: Nil

Modifications Removed: Nil

Technical Instructions Fulfilled: Nil

Date 16-07-93 Signed [Signature] *Serviceex } Authorized Signatory
* Contractor }
At Unit / Works Hunting Airmove Limited.



* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

F.S.N. 2810-010-1016

Certified that "Allison" Torquemeter. Mark T56-A15 Serial No A.12726 has been inspected and tested, and is fit for service. * Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No K/A42B/180/CB.A42B. *MOD No Item 2.

Total time of ~~flow/run at Contractors Works or Maintenance Units~~ ~~XXXXXXXXXXXXXXXXXXXX~~ hours.

Engine/Exch. Weight 59 lbs. ~~XXXXXXXXXXXXXXXXXXXX~~

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

- * construction,
- * reconditioning
- * repair

MODIFICATIONS EMBODIED:

MODIFICATIONS REMOVED

R/Time prior to Repair. 3057 hrs. 00 mins.

Modifications Embodied at Repair:- Nil.

TECHNICAL INSTRUCTIONS FULFILLED:

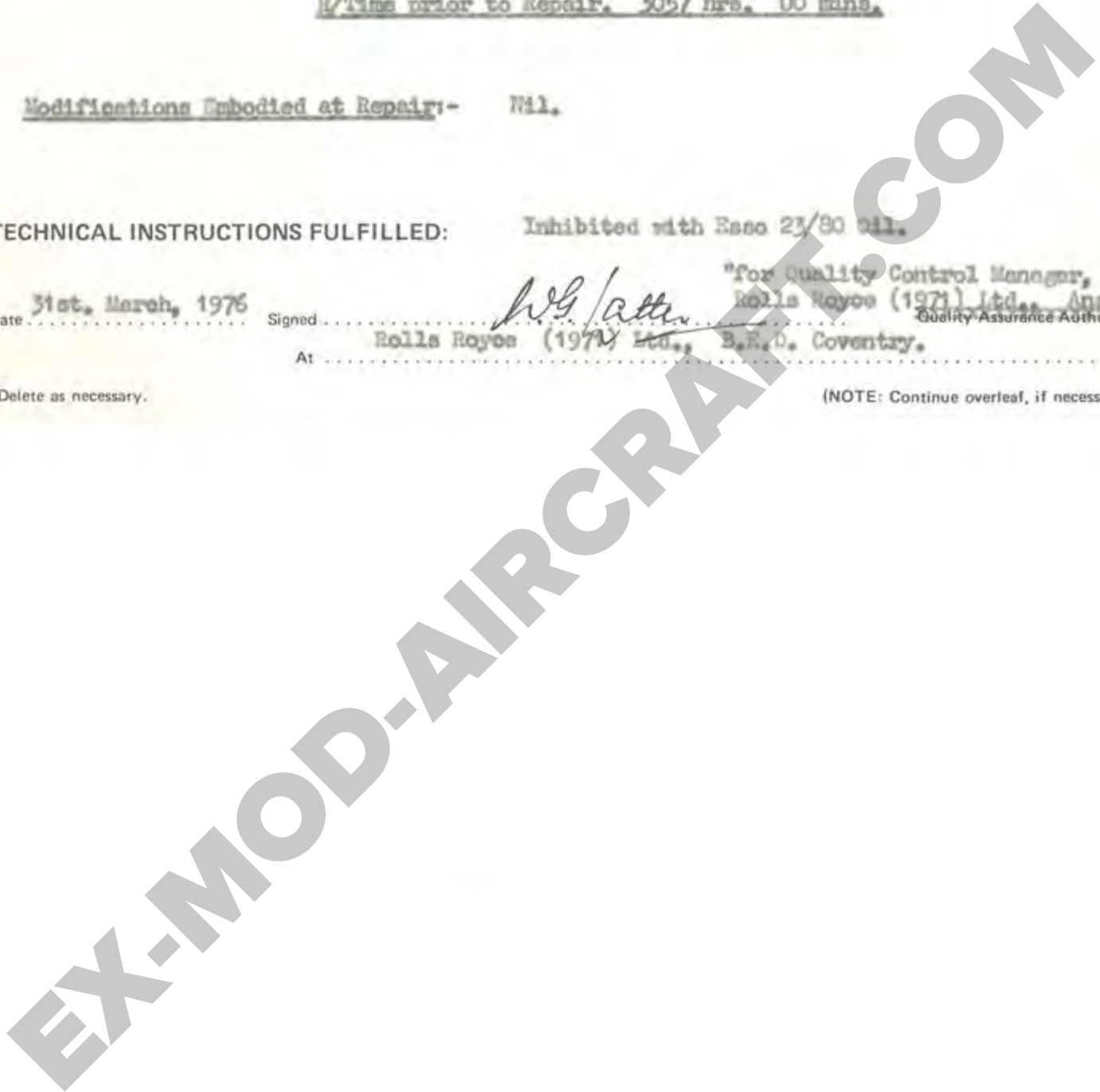
Inhibited with Esso 23/80 oil.

Date 31st. March, 1976

Signed [Signature] *For Quality Control Manager,
Rolls Royce (1971) Ltd., Ansty.
Quality Assurance Authority
At Rolls Royce (1971) Ltd., B.E.O. Coventry.

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).



3 MODIFICATIONS				4 STI's		5 SERVICING INSTRUCTIONS (Initial Application)			
Mod No	Date/Reference	Mod No	Date/Reference	STI No	Date/Reference	SI No	Date/Reference	SI No	Date/Reference

 **HUNTING**
 Airmotive
 CEB 72-1556 SATISFIED.

6 SERVICE MODIFICATIONS				7 MISCELLANEOUS INSTRUCTIONS					
Mod No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference

8 ITEMS FITTED SUBJECT TO A FATIGUE LIFE								
Serial No	Description	Authorized Life	LIFE CONSUMED AT FITMENT			LIFE CONSUMED AT REMOVAL		
			Date	Component	Item	Date	Component	Item

29635
 TORQ FIGURE

9 Section	Reference	Description	Serial No	Installed In	Limiting Item	Due Removal
		TORQUEMETER ASSY	A12726	Q236		

Affix MOD Form 753 here

3 Modifications				4 STI's		5 Servicing Instructions (Initial App)			
Mod No.	Date/Ref	Mod No.	Date/Ref	STI No.	Date/Ref	SI No.	Date/Ref	SI No.	Date/Ref
				468A	10-7-08				
				517	10-7-08				

6 Service Mods		7 Miscellaneous Instructions							
Mod No.	Date/Ref	Inst No.	Date/Ref	Inst No.	Date/Ref	Inst No.	Date/Ref	Inst No.	Date/Ref

8 Items Fitted Subject to a Fatigue Life									
Item			Life Consumed at Fitment			Life Consumed at Removal			
Serial No.	Description	Authorized Life	Date	Component	Item	Date	Component	Item	
3A3180749	GENERATOR	2000 HRS			N/A				

9 Section	Reference	Description	Serial No.	Installed In	Limiting Item	Due Removal
		GENERATOR	3 A3180749			


Remove shaded portion after typing above details

SERVICEABLE - Equipment Conditioning Label

Ship/Station/Unit/Contractor (Where made Serviceable)		Work No	Aircraft No	Day	Mth	Yr	SERVICEABLE
KEARSLEY STANSTED		5838	KEARS	29	05	08	
NATO Stock No / Sect & Ref No*				Life Data			
6115 00-9468441 00-9468441				ERC Attached Yes / No*		ERC Form Number	
Part No				Authorised Life		Authority	
ZCM353C1H 2CM353C1H				2800 Hrs			
Serial No				Total Usage Since		Life Remaining To / Date Due	
3A3180749 3A3180749				New		Bay Maintenance	
LITS Work Order No/ WRAM LCN/ WRAM EIAC				Reconditioned		Reconditioning	
5838KEARS290508 5838KEARS290508				1011		2800 Hrs	
LITS Equipment Type/ WRAM ALC				Installed		Finite Fatigue	
GEN6115-005 GEN6115-005				Tracked Asset		RAF (LITS) Yes	
				Army		Yes / No*	
				RN(WRAM)		Yes / No*	
				Qty		Quality Occurrence Report/Incident Report Calibration*	
				NSCM/CAGE		30221	
Safety and Hazard Information							
Is Part / Serial No* Different Yes / No*							
Original Part No:							
Original Serial No:							

Fold Here **SERVICEABLE** **SERVICEABLE** Fold Here

Description		PDF - 417 Bar Code / WRAM Data Information *	
GENERATOR; ELECTRIC; ALTERNATING CURRENT; MAIN 40 KVA			
Deficiencies			
Remarks			
UNIT OVERHAULED/RECONDITIONED			
Significant Trackable Item (ST Item)(LITS RAF only)		ESR Checked for Currency/Updated *	
ST Item Yes		Yes / No*	
Rank/Name		DQAM CARR	
Unit		KEARSLEY AIRWAYS	

Condition and Safety Certificate			
The signature/stamp below certifies that the item is serviceable and that the relevant Safety Precautions / Inhibiting / Preservation actions have been taken.			
Condition	Rank & Name	Date	Signature/Stamp
SERVICEABLE	DQAM CARR	11/7/08	

* Delete as Appropriate **SERVICEABLE** **SERVICEABLE**

1. Country UNITED KINGDOM	2. CERTIFICATE OF CONFORMITY	3. Certificate Ref. No. M40548
-------------------------------------	--	--

4. KEARSLEY AIRWAYS LIMITED	ROMEERA HOUSE · STANSTED AIRPORT · STANSTED · ESSEX CM24 1QL Telephone: Bishop's Stortford (01279) 871000 Fax: (01279) 871187 www.kalair.co.uk	5. Work Order/Contract AGR6009023164 LM165838
---------------------------------------	--	---


6. Item	7. Description	8. Part No.	9. Eligibility *	10. Qty.	11. Serial/Batch No.	12. Status/Work
1	A.C. GENERATOR LAST ITEM	2CM353C1H	UNKNOWN	1	3A3180749	OVERHAULED

13. Remarks

LOCKHEED MARTIN (RAF)
MARSHALL ROAD CLIF LYNEHAM
HR'S CENTRAL LOGISTICS FACILITY
B3 HANGAR
LYNEHAM, WILTSHIRE
SN15 4PZ

OUR WORKSHOP INSPECTION REPORT KAL/LM165838 REFERS
OVERHAULED/RECONDITIONED I.A.W. T.O 8A6-9-5-3 CHANGE 29 DATED 15TH NOVEMBER 2007
TRANSFERRED UNDER THE TERMS OF YOUR END-USE AUTHORISATION.

14. Certifies, that unless otherwise stated above, the items detailed above have been supplied/manufactured/repared/modified/tested/inspected* in accordance with our ISO 9001: 2000 registration and the requirements of the Work Order/Contract stated in box 5 * Delete where inapplicable.	19.
--	---

15. Signature 	16. Certificate Number AQA 016	20.	21.
17. Name (Typed or Printed) DEAN	18. Date 11 Jul 2008	22.	23.

*Installer must cross-check eligibility with applicable technical data

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)


Certified that AIR TURBINE STARTER Mark ATS100-203 383198-1-4 Serial No P5866 has been inspected and tested and is fit for service
~~Contract No~~ *Contract No AE11B/53 Job No R02313
Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.
* Engine / ECU Weight N/A C. of G. Position N/A

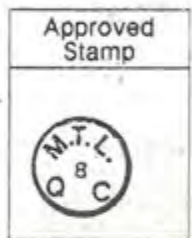
List of modifications embodied or removed and special technical instructions and other orders fulfilled during ~~recondition~~
~~repair~~

Modifications Embodied:
NIL

Modifications Removed:
NIL

Technical Instructions Fulfilled:
NIL

Date 17.9.94 Signed  ~~Contractor~~
Contractor Authorized Signatory
At ~~Work~~ / Works MICROTURBO LIMITED



* Delete as necessary (NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that AIR TURBINE STARTER Mark ATS100-203 Serial No P5866 has been inspected and tested and is fit for service ~~Complete work on this engine has been carried out in accordance with the current instructions~~ *Contract No AE11B/53 Job No 5745/HE
Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.
Engine / ECU Weight N/A C. of G. Position N/A
List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- ~~reconditioning~~
- ~~repeatability~~

Modifications Embodied:


FAS 13

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 18.5.90 Signed 

~~Contractor~~ * Contractor } Authorized Signatory

At ~~Works~~ / Works MICROTURBO LIMITED

Delete as necessary



(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certificate that AIR TURBINE STARTER Mark ATS100-203 Serial No P5866 has been inspected and tested, and is fit for service. * Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A42A/497 *Job No 5210414

Total time *flown/run at Contractor's Works or Maintenance Unit hours.
*Engine/E.C.U. Weight C. of G. Position

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

- reconstruction
- reconditioning
- repair

MODIFICATIONS EMBODIED:

Nil

MODIFICATIONS REMOVED

Nil

AIR TURBINE STARTER reconditioned I.A.W. T.O. 2JA3-31-3 dated 15/11/68 change 5 dated 14/4/78 and change 10 dated 15/9/80. Inspection Report ATS 5210414 refers.

5000 Hours Life.

EASED. Trade Pack.

TECHNICAL INSTRUCTIONS FULFILLED:

Date 28/5/81 Signed A.I.D. U6B Quality Assurance Authority
At FIELD AIRCRAFT SERVICES(CROYDON)LTD. CROYDON AIRPORT, SURREY

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).

Date	Unit	Job No	Comp. Life Consumed	Work Details
24-9-87	LIFE EXT.	To 6000HRS	WITH	HQSTC LYN/2560/ENG 12 NOV 86
18-5-90	MTL	10233	5675 HRS	(RECONDITIONED) DIR 2354 REFORM M.T.L.O.C.2
21-12-93	LYN	---	2121	BAY SERVICE CARRIAGEWORK
17-9-94	MTL	10233	2389 HRS	(RECONDITIONED) DIR 3823 REFORM M.T.L.O.C.3
29-1-96	LYN	---	1003 HRS	BAY SERVICE TO SATIS. // 8751 11294 1912 95 //
3-2-98	---	T 371	3113 HRS	---
5-4-00	LYN	T 371	3113 HRS	BAY SERVICE 1138 AV 302 02-04-00

Card Serial No ... of

COMPONENT RECORD CARD

MOD Form 735A (Revised Feb 80)

1. AIR TURBINE STARTER AUTHORIZED LIFE 5000 HOURS 6000 HOURS
 ATS100-2031 P 5866

Date	Unit From	Unit And Installed in/Removed From	Support Installation	Life Consumed of		NOTE
				Part	Total	
MAY 81	FAS CROYDON	LYNEHAM			NIL	A42A/497 640/381594
23-1-82	LYNEHAM	Q 069	9025		NIL	INSTALLATION
25-4-83	M.C.E	Q 069	10060	1035	1035	REMOVAL (MINOR SERV)
12-7-83	M.C.E	Q 170	10643		1035	FITTED
1-1-85	LYNEHAM	Q 170	11611	968	2003	APPROVED
11-2-85	LYNEHAM	Q 036	9677		2003	FITTED
22-1-85	M.C.E	Q 034	10223	546	2549	MAJOR
27-2-86	M.C.E	Q 182	12115		2549	FITTED
22-1-90	LYNEHAM	FIT Q 221	14953		5614	0751 XV 219 22190
11-2-90	LYN	REM Q 221	15014	61	5675	0307 XV 219 11 290
18-5-90	MTL				NIL	(RECONDITIONED) M.T.L.O.C.2
9-7-90	M.T.E.	Q 254/2	15045		NIL	FITTED (MAJOR)
26-10-92	LYA		16079	1034	1034	BAY SERVICE 1606 XV 195 26-10-92
15-12-93	LYA	REM Q 274 XV 195	17166	1087	2121	3269 XV 195 19-12-93
24-12-93	LYN	FIT Q 090 XV 296	16024	2121	2121	0301 XV 296 23-12-93
07-04-94	LYA	REM Q 090 XV 294	16292	268	2389	8901 XV 294
17-9-94	MTL				NIL	(RECONDITIONED) M.T.L.O.C.3
11-10-94	LYA	FIT Q 181	19467		0	9351 XV 296 11-10-94
19-12-95	LYA	REM Q 181	20650	1003	1003	8751 XV 296 19-12-95
1-5-96	LYNEHAM	FIT Q 100	20982		1003	1219 XV 209 300496
2-1-98	LYN	REM Q 106	20982	1116	2119	2640 XV 209 12-12-97
7-8-98	M.A	FIT Q 157	20982		2119	0090 XV 192 05-05-98
3-4-00	LYN	REM Q 157	21937	994	3113	1138 XV 302 02-04-00
7-4-00	LYN	FIT Q 058	21638		3113	3724 XV 183 07-04-00

Inspection, Test and Modification Certificate

MOD FORM 753

(Revised Dec 86)

Certified that AIR STARTER Mark ATS100-203 383198-1-4 Serial No P5866 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No C130K/2148 Job No 4004317

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU* Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied: NIL

Modifications Removed:
NIL

Technical Instructions Fulfilled:
NIL

Date 26/05/2006 Signed [Signature]

* Service
* Contractor

Authorised Signatory

Approved
Stamp

M.T.L.Q.C.4

At Unit/Works MICROTURBO LTD

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD FORM 753

(Revised Dec 86)

Certified that AIR STARTER Mark ATS100-203 383198-1-4 Serial No P5866 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No C130K/2148 Job No 4002630

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU* Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied: MTA170 MTA176 MTA177

Modifications Removed:

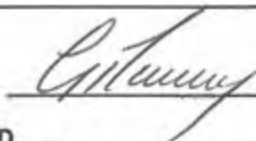
NIL

Technical Instructions Fulfilled:

NIL

Date 03/05/2005

Signed



* Service
* Contractor

Authorised Signatory

Approved Stamp

M.T.L. Q.C.4

At Unit/Works MICROTURBO LTD

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD FORM 753
(Revised Dec 86)

Certified that AIR STARTER Mark ATS100-203 383198-1-4 Serial No P5866 has been.
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No C130K/2148 Job No 4002630
Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.
Engine/ECU* Weight N/A C. of G. Position N/A
List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

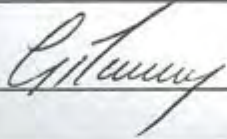
Modifications Embodied: MTA170 MTA176 MTA177

Modifications Removed:
NIL

Technical Instructions Fulfilled:
NIL

Date 03/05/2005

Signed



* Service
* Contractor

Authorised Signatory

Approved
Stamp

M.T.L Q.C.4

At Unit/Works MICROTURBO LTD

* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD FORM 753

(Revised Dec 86)

Certified that AIR STARTER Mark ATS100-203 383198-1-4 Serial No P5866 has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No C130K/2148 Job No 4002630
Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.
Engine/ECU* Weight N/A C. of G. Position N/A
List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

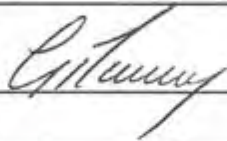
Modifications Embodied: MTA170 MTA176 MTA177

Modifications Removed:
NIL

Technical Instructions Fulfilled:
NIL

Date 03/05/2005

Signed



* Service
* Contractor

Authorised Signatory

Approved
Stamp

M.T.L. Q.C.4

At Unit/Works MICROTURBO LTD

* Delete as necessary

(NOTE: Continue overleaf if necessary)

3 Modifications				4 STI's		5 Servicing Instructions (Initial Application)			
Mod No	Date/Reference	Mod No	Date/Reference	STI No	Date/Reference	SI No	Date/Reference	SI No	Date/Reference
MTA 170	2-5-05								
MTA 176	2-5-05								
MTA 177	2-5-05								

6 Service Mods		7 Miscellaneous Instructions							
Mod No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference

8 Items Fitted Subject to a Fatigue Life									
Serial No	Item Description	Authorized Life	Life Consumed at Fitment			Life Consumed at Removal			
			Date	Component	Item	Date	Component	Item	

9 Section	Reference	Description	Serial No	Installed In	Limiting Item	Due Removal
		AIR TURBINE STARTER	P5866			

Inspection, Test and Modification Certificate

MOD FORM 753

(Revised Dec 86)

Certified that 2" DIFF. PRESSURE REG. Mark APR23-16 392122-1-1 Serial No P3401 has been

Inspected and tested and is fit for service. ~~*Complete anti-corrosion treatment has been carried out in accordance with the~~
or ~~ent instructions.~~ *Contract No. SMRAF12/1160 Job No. R09612

Total time flow/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/EQU*Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 22/10/01

Signed



* Service
* Contractor

Authorised Signatory

Approved

Stamp

M.T.L. G.C.4

At Unit/Works MICROTURBO LTD

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that 2" DIFF PRESS REGULATOR Mark 392122-1-1 Serial No P340-1 has been
inspected and tested and is fit for service. ~~Complete anti-corrosion treatment has been carried out in accordance with the~~
~~current instructions.~~ *Contract No AE11B/53 Job No 5744/HH

Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.

* Engine / ECU Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during *reconditioning
*retest

Modifications Embodied:

FAS14

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 27.02.91 Signed [Signature]
At ~~Unit~~ / Works MICROTURBO LIMITED

* Service
* Contractor } Authorized Signatory



* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Date	Unit	Job No	Comp. Life Consumed	Work Details
26.3.87	LYNEHAM			LIFE EXT TO 6,000 HRS - AUTH HQ JTC LYN/2460/1 ENG - 12 NOV 86
27.2.91	MTL	AE110/53	3308 HRS	RECONDITIONED DIR 2684 Repaired
22.10.01	MICROTURBO	R09012	9277 HRS	RECON - DIR 8256 M.T.L.Q.C.4

Card Serial No ... of

COMPONENT RECORD CARD AF63-23P340-1

MOD Form 735A (Revised Feb 80)

1 2" DIFF. PRESS. REGULATOR AUTHORIZED LIFE ~~6000~~ HOURS
 APR 25-16 SER NO ~~P3401~~ P3401 ~~5000~~ HOURS

TRANSFER AND INSTALLATION DETAILS

Date	Unit From	Unit to/ Installed in/ Removed From	QEC Hrs Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Component		
				Part	Total	
25-5-77	LYNEHAM	Q 101	6942		122	INSTALLATION
9-7-83	STANLEY	Q 101	10767	3825	3947	REMOVED
5/11/83	AYZDA/CORONADO	LYNEHAM		3947		Repaired & tested Contract A42A/688 640 NP 495629
7-7-86	LYNEHAM	Q 158	12053	NIL	NIL	7078 2165 XV185
15-12-90	LYN	REM Q 158	16001	3308	3308	0982 N 209 151290
27.2.91	MTL				NIL	RECONDITIONED
15-6-91	LYN	FIT Q 265	16520		0(NIL)	2705 XV300130691
27.6.91	LYN	REM Q 265	22489	5969	5969	4389 XV202270299
22.10.01	MTL			NIL	NIL	RECONDITIONED M.T.L.Q.C.4
30-12-01	LYN	FIT Q 227	20917		NIL	FIT 2187 XV202301201
					3951.25	

Component Record Card

MOD Form 735
(Revised Sep 86)

Card Serial No ONE of 3

VEIPAL DIESE

DATE OF MAN. 28 July 88 Authorized Life NOT LIMITED

1320 00 6263812 66039 -02 ABEX PUMP AH- 912242

Transfer and Installation Details

Date	Unit From	Unit to/ Installed in/ Removed from	Life Consumed			Authority for Transfer/ Reason for Removal
			Support Installation	Component		
				Part	Total	
2/10/88	ABEX	LYNEHAM	NIL	NIL	NIL	VIS. P.I.C. 083521084
9/2/89	LYE	LYNEHAM FIR XV294 N2	14697	NIL	NIL	FIR 0982 XV294 070289
22-4-89	LYE	REM XV 294/2	14970	273	273	1228 XV 294 220489
2-5-89	LYNEHAM	---	---	---	273	R4 F7601
12-6-90	LYNEHAM	---	---	---	273	0850170690 VIS PIC.
15-11-90	LYN	FIR Q 217	15304	---	---	---
15-11-90	LYN	FIR XV218/3	15987	---	273	2189 XV213 151190
21-01-93	LYA	REM XV 213/3	17352	1365	1638	0845 XV213 210893
110693	LYN	---	---	---	1638	" " TH
030294	LYN AIF	---	---	---	1638	0765-070294 VIS PIC.
040595	LYN	FIR XV 200/3	14919	---	1638	2501 XV200 030595
5-2-97	LYM	REM Q014 200/3	20875	956	2594	4245 XV200 050297
27-3-97	LYN 301	---	---	---	2594	" " R4

EX-MOD-AIRCRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

640/098924

Certified that FUEL CONTROL UNIT Mark. P/N:..6892328 Serial No301075BR..... has been inspected and tested, and is fit for service.

* Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract NoA29B/1083..... *Job No ..4221001.....

Total time *flown/run at Contractor's Works or Maintenance Unit hours.

*Engine/E.C.U. Weight C. of G. Position

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

XXXXXXXXXXXXXXXXXXXXX
*reconditioning
*repair
XXXXXXXXXXXXXXXXXXXXX

MODIFICATIONS EMBODIED: 13,325;

MODIFICATIONS REMOVED
NIL

Reconditioned i.a.w. T.O. 6J3-4-24-13 Change 7 Dated 30-9-85.

TECHNICAL INSTRUCTIONS FULFILLED: NIL

Date 16/2/87

Signed



Quality Assurance Authority

At FIELD AIRCRAFT SERVICES (CROYDON) LTD.

te as necessary:

(NOTE: Continue overleaf, if necessary).

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark T56-A15 Serial No 301075BR has been inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 505/296

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired @ 5861 hours since Reconditioning.

- ~~cross control~~
- ~~reconditioning~~
- ~~repair~~

Modifications Embodied: Nil.

Modifications 13, 235, 260 & 327 found embodied.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Approved Stamp

Date 06-06-00

Signed



~~Service~~
Contractor

Authorized Signatory

At/By Works Sigma Aerospace Ltd.

SIGMA
7052

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCHARTER.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark T56-A15 Serial No 301075BR. has been inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 417 000 1673

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired @ 4413:00 hrs. T.S.O. * instructions * modification * repair

Modifications Embodied:

327.

Modifications found embodied :- 13, 235 & 260.

Modifications Removed:

Nil.

Technical Instructions Fulfilled:

Nil.

Date 17-02-96 Signed [Signature]
At Unit/Works Hunting Aviation A.E.D. Ltd.

* Service
* Contractor } Authorized Signatory

Approved
Stamp

119

* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark --- Serial No 301075 BR has been inspected and tested and is fit for service *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A29B/1083 Job No 417 000 0218

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

Engine / ECU Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

- * construction
- * reconditioning
- * repair

Modifications Embodied: 260

Modifications Removed: NIL

Technical Instructions Fulfilled: NIL



Date 18/12/87 Signed [Signature] ^{* Service} _{* Contractor} } Authorized Signatory

At Unit / Works FIELD AIRCRAFT SERVICES (CROYDON) LTD.

Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFTS.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that PROPELLER 1610-00-7835191 Mark 54H60-91 Serial No MFG225636 has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No 7144135 Job No 1078C

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during


<input type="checkbox"/> construction
<input checked="" type="checkbox"/> reconditioning
<input type="checkbox"/> repair

Modifications Embodied:

AS PREVIOUS INSPECTION CERTIFICATE DATED 07/03/2009.

Modifications Removed:

Technical Instructions Fulfilled:

Date 08/07/2009 Signed 
At ~~Unit~~ Works DOWTY PROPELLERS REPAIR & OVERHAUL

Service Contractor Authorized Signatory

Approved
Stamp

DAP H&O
26

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD FORM 1
(Revised Dec 86)
PPQ = 50

Certified that PROPELLER 1610-00-7835191 Mark 54H60-91 Serial No MFG225636 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No 7144135 Job No 0103B

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input type="checkbox"/> construction
<input type="checkbox"/> reconditioning
<input type="checkbox"/> repair

Modifications Embodied:

RECONDITIONED TO T.O. 3H1-18-3.
FITTED WITH PITCHLOCK 767999-1 S/NO. 4061.
PACKED IN SPECIAL TO TYPE CONTAINER.

DUPLICATE

Modifications Removed:

Technical Instructions Fulfilled:

SI 48 & STI 67 SATISFIED.
SB 65, 88, 100, 127, 132, 138, 143, 146, 147 & 150 SATISFIED.

Date 07/03/2008 Signed  At Unit Works DOWTY PROPELLERS REPAIR & OVERHAUL

Service
 Contractor Authorized Signatory

Approved Stamp


* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

10 Maintenance, Major Repairs and Reconditioning				
Date	Unit	Job No	Assy Life Consumed	Work Details
PREVIOUS HISTORY UNKNOWN				
21/07/1998	DAPRO	97-1027	4750 F/H	RECONDITIONED
07/03/2008	DPRO	0103B	9681.20 F/H	RECONDITIONED
08/07/2009	DPRO	1078C	10048.25 F/H	REPAIRED

11 Weight and Moment Changes					
Cause	New Weight	Moment	Cause	New Weight	Moment

MOD Form 749
(Revised Feb 94)
PPQ = 50

Assembly Record Card

Card Serial No: 1 of 1

1	PROPELLER 54H60-91	Authorized Life 4750 F/H	CAL LIFE: 07/03/2016
S/NO.	MFG225636	DUPLICATE	

Date	Unit From	Unit to/ Installed in/ Removed from	Life Consumed			Authority for Transfer/ Reason for Removal
			Support Installation	Assembly		
				Part	Total	
07/03/2008	DPRO	RAF LYNEHAM		NIL	NIL	RECONDITIONED
09/04/2008	LYN	FIT XV290 / 3		NIL		4506 XV290 090408
17/10/2008	LYN	REM XV290 / 3		11:40	11:40	5543 XV290 171008
		FIT XV290 / 3			11:40	
21/10/2008	LYN	REM XV290 / 3		355:25	367:05	
08/07/2009	DPRO	RAF LYNEHAM		NIL	367:05	REPAIRED
28-1-10	MA	FIT XV200/1	27809 ⁵⁵	—	367 ⁰⁵	4827 XV200 120809
08.05.13	RAF STATHAN	REM XV200/1	29130 ⁴⁰	1320 ⁴⁵	1687 ⁵⁰	8721 XV200 0805.3
18-06-13	MA DG	FIT XV177/1	30320 ³⁵	—	1687 ⁵⁰	5823 XV177 110213

3 Modifications				4 STI's		5 Servicing Instructions (Initial Application)			
Mod No	Date/Reference	Mod No	Date/Reference	STI No	Date/Reference	SI No	Date/Reference	SI No	Date/Reference

6 Service Mods		7 Miscellaneous Instructions							
Mod No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference
		48	SI 07/03/08	138	SB 07/03/08				
		67	STI 07/03/08	143	SB 07/03/08				
		65	SB 07/03/08	146	SB 07/03/08				
		88	SB 07/03/08	147	SB 07/03/08				
		100	SB 07/03/08	150	SB 07/03/08				
		127	SB 07/03/08						
		132	SB 07/03/08						

8 Components Fitted									
Component				Life Consumed at Fitment			Life Consumed at Removal		
Serial No	Description		Authorized Life	Date	Assembly	Component	Date	Assembly	Component
4160	PITCHLOCK		4500 F/H	07/03/08		NIL	21/10/08		367.05
3911	LPSA		4750 F/H	07/03/08		NIL	21/10/08		367.05
PSD0296	DOME		4750 F/H	07/03/08		NIL	21/10/08		367.05
N872708	BLADE 1	CORR - 03'	4750 F/H	07/03/08		NIL	21/10/08		367.05
N872810	BLADE 2	CORR +03'	4750 F/H	07/03/08		NIL	21/10/08		367.05
N872711	BLADE 3	CORR - 06'	4750 F/H	07/03/08		NIL	21/10/08		367.05
N872764	BLADE 4	CORR - 06'	4750 F/H	07/03/08		NIL	21/10/08		367.05
4160	PITCHLOCK		4500 F/H	08/07/09		367.05			
3911	LPSA		4750 F/H	08/07/09		367.05			
PSD0296	DOME		4750 F/H	08/07/09		367.05			
N793589	BLADE 1	CORR +06'	4750 F/H	08/07/09		NIL			
N795345	BLADE 2	CORR +06''	4750 F/H	08/07/09		NIL			
N793592	BLADE 3	CORR +12'	4750 F/H	08/07/09		NIL			
N793591	BLADE 4	CORR +06'	4750 F/H	08/07/09		NIL			

9 Section	Reference	Description	Serial No	Installed In	Limiting Component	Due Removal
1610-00	7835191	PROPELLER 54H60-91	MFG225636	N 235636	ON LITS 8/6/10	

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that PUMP HOUSING 1610-00-0058685 Mark 733872-2 Serial No SE8099 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No 7144135 Job No 2477B

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during ~~construction~~ ~~reconditioning~~ ~~repair~~

Modifications Embodied:

RECONDITIONED TO T.O. 3HA2-7-3.

ASSEMBLED AND TESTED WITH VALVE HOUSING 714325-5 S/NO. C6771.

PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

SB 131 SATISFIED.

Date 17/12/2008

Signed 

~~Service~~
 ~~Contractor~~

Authorized Signatory

At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

* Delete as necessary

Approved
Stamp

DAP R&O
26

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 100
has been

Certified that VALVE HOUSING 1610-01-0162196 Mark 714325-5 Serial No C5683

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMRAF12/1133 Job No 00-0821

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours:

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input type="checkbox"/> -construction-
<input type="checkbox"/> -reconditioning
<input type="checkbox"/> -repair-

Modifications Embodied:

BRIT MODS: 1, 9, 12.
RECONDITIONED TO T.O. 3HA2-7-3.
ASSEMBLED AND TESTED WITH PUMP HOUSING 733872-2 S/NO. SE11229.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

Date 16.11.00 Signed  * ~~Service~~ * ~~Contractor~~ Authorized Signatory

At Unit/Works DOWTY AEROSPACE PROPELLERS REPAIR & OVERHAUL

Approved Stamp


* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Date	Unit	Work/Task No	Comp Life Consumed	Work Details
PREVIOUS HISTORY UNKNOWN				
7.6.89	DOWTY ROTOL	2/34550	4500 HRS	RECONDITIONED
16.11.00	DAPRO	00-0821	9582 HRS	RECONDITIONED

Component Record Card

PPQ = 100 MOD Form 735A (Revised Jan 90)

Card Serial No: 1 of 1

1 VALVE HOUSING 714325-5 Authorized Life 5000 F/H
S/NO. C5683

2 Transfer and Installation Details

Date	Unit From	Unit to/ Installed in/ Removed from	Life Consumed			Authority for Transfer/ Reason for Removal
			Support Installation	Part	Component Total	
16.11.00	DAPRO	RAFLYNEHAM		NIL		RECONDITIONED
31.1.01	LYN	FIT XV302/3	24668 ⁰⁵	—	0	1857 XV 302 17 1100
8.11.01	LYN	REM XV 302/3	25274 ³⁰	606 ²⁵	606 ²⁵	3456 XV 302 01 1101
28.6.02	LYN	FIT XV 307/1	27516 ³⁰	—	606 ²⁵	2854 XV 307 09 0402
20.9.02	LYN	REM XV 307/1	27990 ⁵⁰	474 ²⁰	1080 ⁴⁵	3298 XV 307 13 0902
4.6.03	LYN	FIT XV 199/2	27594 ²⁰	—	1080 ⁴⁵	1882 XV 199 14 0503
1/MAR 04	LYN	REM XV 199/2	28390 ²⁵	796 ⁰⁵	1876 ⁵⁰	2629 XV 199 01 0304
11.10.04	LYN	FIT XV 197/4	28046 ³⁵	—	1876 ⁵⁰	1745 XV 197 28 0904
14.10.04	LYN	REM XV 197/4	28055 ⁵⁵	9.20	1886 ¹⁰	1971 XV 197 11 10 04
23.12.04	LYN	FIT XV 209/4	26531 ³⁵	—	1886 ¹⁰	4378 XV 209 11 10 04
4.5.05	LYN	REM XV 209/4	26635 ⁰⁵	103 ³⁰	1989 ⁴⁰	4923 XV 209 01 0505
21.3.05	LYN	FIT XV 177/4	27266 ⁵⁰	—	1989 ⁴⁰	2818 XV 177 27 0206
4.9.07	LYN	REM XV 177/4	27984 ¹⁵	717 ²⁵	2707 ⁰⁵	4123 XV 177 30 0807

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that PITCHLOCK 1610-01-1023010 Mark 767999-1 Serial No 4160 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No 7144135 Job No 1078C

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during ~~construction~~ ~~reconditioning~~ repair

Modifications Embodied:

AS PREVIOUS INSPECTION CERTIFICATE DATED 07/03/2009.

Modifications Removed:

Technical Instructions Fulfilled:

Date 08/07/2009 Signed [Signature]
At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

Service Contractor Authorized Signatory



* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

Certified that PITCHLOCK 1610-01-1023010 Mark 767999-1 Serial No 4160 has been

Inspected and tested and is fit for service. *Complete anti-corrossion treatment has been carried out in accordance with the current instructions. *Contract No 7144135 Job No 0103B

~~Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.~~

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during construction reconditioning repair

Modifications Embodied:

RECONDITIONED TO T.O. 3H1-18-3.
FITTED TO PROPELLER 54H60-91 S/NO. MFG225636
PACKED IN SPECIAL TO TYPE CONTAINER.

DUPLICATE
EX-MOD-AIRCRAFT.COM

Modifications Removed:

Technical Instructions Fulfilled:

SB 127 SATISFIED.

Approved Stamp
DAP R&O 26

Date 07/03/2008

Signed 

* Service Contractor Authorized Signatory

At Unit Works DOWTY PROPELLERS REPAIR & OVERHAUL

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that FUEL NOZZLES Mark T56-A-15 Serial No SEE BELOW has been

inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No 4000085513 Job No 124-505 (28-14421)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

SET KT REPAIRED @ 5715.20 HOURS T.S.O.

Modifications Embodied:

NOZZLES CODED INTO ENGINE SET

SERIAL NUMBERS :- AG8628, AG141E, AG755A, FASF1188, AG688C AND AG689C.

Modifications Removed:

NIL.

Technical Instructions Fulfilled:

UK SUPPLEMENT NO1 EMBODIED.

Date 04/11/08

Signed



* Service

* Contractor

} Authorized Signatory

Approved
Stamp

VAES
087
UK

At Unit/Works Vector Aerospace Engine Services UK Ltd

* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that FUEL NOZZLES Mark T56-A-15 Serial No SEE BELOW has been

inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the

current instructions. *Contract No SMC22B2/212 Job No 690/207 (22 25581)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during [* construction
* reconditioning
* repair]
SET KT 1-6 - REPAIRED @ 3798.05 HOURS T.S.O.

Modifications Embodied:

NOZZLES CODED INTO ENGINE SET

SERIAL Nos. AG8628, AG141E, AG755A, FASF1188, A688C, AG689C.

Modifications Removed: NIL.

Technical Instructions Fulfilled: TECH NOTES 269 & 274.

Approved
Stamp

SIGMA
0288
**

Date 29/01/03

Signed

* Service

* Contractor

} Authorized Signatory

at Unit/Works Sigma Aerospace Limited

Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

Certified that Fuel Nozzles Mark T56-A15 Serial No See below has been inspected and tested and is fit for service.
 *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.
 *Contract No SMC22B2/212 Job No 450 000 1587

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during
 Set KT - Repaired @ 1809:00 hrs. T.S.O.
 overhaul
 reconditioning
 repair

Modifications Embodied:

NOZZLES CODED INTO ENGINE SET

Ser. No's: AG8628, AG141E, AG755A, FASF1188, AG688C, AG689C.

Modifications Removed:

Nil.

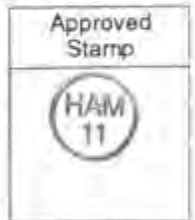
Technical Instructions Fulfilled:

Tech Notes 269 & 274.

Date 28-09-98 Signed [Signature]

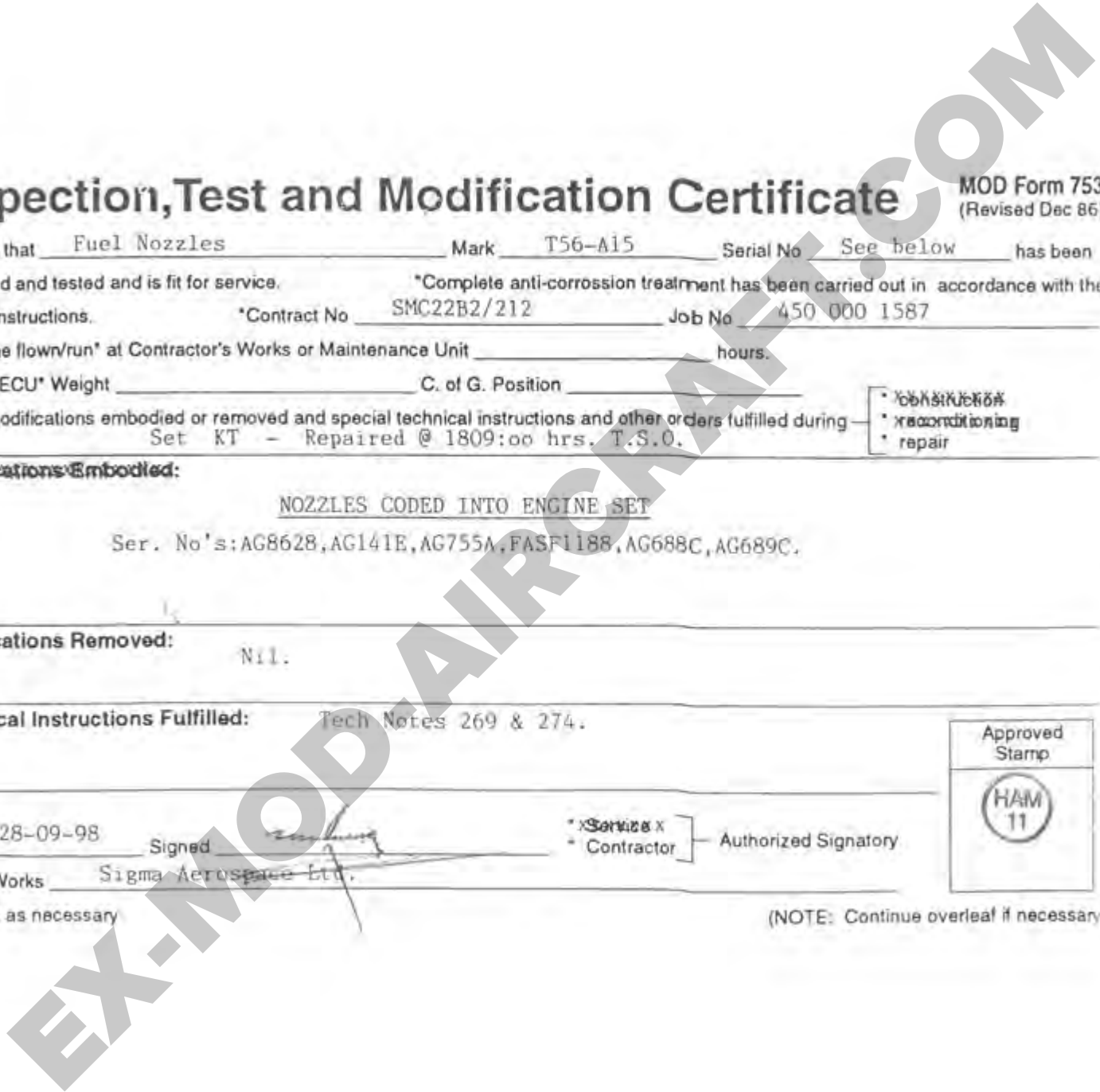
At Works Sigma Aerospace Ltd.

* Service X
 * Contractor } Authorized Signatory



* Delete as necessary

(NOTE: Continue overleaf if necessary)



Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Nozzles Mark T56-A15 Serial No See Below has been inspected and tested and is fit for service *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 450 000 0725

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

Engine / ECU Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during
Set KT

~~Construction~~
~~reconditioning~~
~~repairs~~

Modifications Embodied:

NOZZLES COLOUR CODED INTO ENGINE SET
Ser'l No's: AG688C, FASF1188, AG689C, AG8628, AG141E, AG755A.

Modifications Removed:

Nil

Technical Instructions Fulfilled:

Tech Notes 134 issue 3, 224 & 245.

Approved
Stamp

Date 27-01-93 Signed [Signature] *Service * Contractor } Authorized Signatory

At Unit/ Works Hunting Airmotive Limited.

Delete as necessary

(NOTE: Continue overleaf if necessary).



Inspection, Test and Modification Certificate

MODForm753
(Revised Dec 86)
PPQ = 50

Certified that ENGINE NO. 1 C _____ Mark 1 Serial No Q232 _____ has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No HERCJC/00041 _____ Job No _____
Total time flown/run* at Contractor's Works or Maintenance Unit _____ hrs
Engine/ECU* Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled: SI/ALLISON/T-56/10
UTI/ALLISON/T-56/02

Approved
Stamp

Date 13/05/10 Signed [Signature]

* Service Authorized Signatory
* Contractor



At Unit/Works Marshall of Cambridge Aerospace Ltd,
The Airport, Cambridge CB5 8RX

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MODForm75
(Revised Dec 86
PPQ = 5)

Certified that ALLISON ENGINE NO. 1 C Mark 1 Serial No Q232 _____ has been
inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No HERCJC/00041 _____ Job No _____
Total time flown/run* at Contractor's Works or Maintenance Unit _____ hrs
Engine/ECU* Weight _____ C. of G. Position _____ * construction
List of modifications embodied or removed and special technical instructions and other orders fulfilled during *reconditioning
* repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled: SI/ALLISON/T-66/10

Date 20/08/08 Signed [Signature]
At Unit/Works Marshall of Cambridge Aerospace Ltd,
The Airport, Cambridge. CB5 8RX

* Service
* Contractor } Authorized Signatory

Approved Stamp
MB-45 QD

Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

PPQ = 100
has been

Certified that GEC Mark _____ Serial No Q232

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No C130K/2101 Job No _____

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____


List of modifications embodied or removed and special technical instructions and other orders fulfilled during construction reconditioning repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled:

SI/HERC/636. SI/ALLISON T-56/10.

Date 26 JAN 1997 Signed  * Service * Contractor Authorized Signatory

Works MARSHALL OF CAMBRIDGE AEROSPACE LTD, THE AIRPORT, CAMBRIDGE, CB5 8FX.

as necessary

Approved Stamp
MA 22 C.D.

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

RECORD OF MODULES AND COMPONENTS

3		Module	LIFE CONSUMED AT FITMENT			LIFE CONSUMED AT REMOVAL		
Serial No	Description	Auth Life	Date	ECU	Module	Date	ECU	Module
AE106790	CCM	6000	28-11-79	8566	NIL	6/8/85	12199	3639
AE106702		6500	8-8-85	12199	97	16-9-86	12530	428
AE106689		6500	16-9-86	12530	NIL	2-1-96	19223	6593
AE106410		6500	02-02-96	19223	NIL	20-5-98	26337	5386
//								
TA043	TURBINE ASSY	5000	28-11-79	8566	NIL	6/8/85	12199	3637
TA041		5000	8/8/85	12199	NIL	16-9-86	12530	331
TA 273		5000	16-9-86	12530	2344	14-7-87	13079	2873
TA 109		5000	21-7-87	13079	3127	6-4-90	14775	4523
TA 193		5000	6-4-90	14775	NIL	24-4-90	14830	55
TA 321		5000	24-4-90	14830	NIL	18-1-96	19223	4373
TA	//							
AG026738	REDUCTION GEAR	NOT LIFED	3-10-75	6099	2032	16-9-86	12530	8463
AG026747		-"-	16-9-86	12530	3429	21-5-87	14142	504
AG026461		-"-	21-5-89	14142	600	20-5-98	26337	6795
AG026826		-"-	29-6-98	26337	NIL	11-4-02	22787 ³⁰	2450 ³⁰
AG026826		-"-	11-4-02	22787 ³⁰	2450 ³⁰			
//								
AI2138	TORQUEMETER	NOT LIFED	3-10-75	6099	5851	11-4-02	22787 ³⁰	22539 ³⁰
AI2644				18-4-02	22787 ³⁰	7245		

4		COMPONENT	LIFE CONSUMED AT FITMENT			LIFE CONSUMED AT REMOVAL		
Serial No	Description	Auth Life	Date	ECU	Comp	Date	ECU	Comp
TA105	TURBINE ASSY	5000 ¹⁰⁵	02-02-96	19223	1321	20-5-98	26337	2435
TA063		5000	15-9-98	20337	2095	11-4-02	22787 ³⁰	2545 ³⁰
TA 141		5000	18-4-02	22787 ³⁰	1252 ³⁰	26-11-03	24867 ⁴⁵	3035 ⁰⁵
TA 268		5000	26-11-03	24867 ⁴⁵	0	15-9-04	24807 ²⁰	288 ⁰⁵
TA093		5000	26-10-04	24807 ²⁰	0	28-11-04	24807 ²⁰	2064 ¹⁵
AE106647		CCM	6500	15-9-98	20337	0	15-9-04	24807 ²⁰
AE106699		6500	26-10-04	24807 ²⁰	2064 ¹⁵			
//								
TA093	TURBINE ASSY	5000	25-11-04	24807 ²⁰	0	12-12-07	26061 ⁰⁰	1254 ³⁰
TA 216	"	5000	12-12-07	26061 ⁰⁰	0	11-7-08	26480 ⁴⁰	419 ⁵⁰
TA 108	"	5000	11-07-08	26480 ⁴⁰	2097 ⁰⁵	17-1-11	27585 ¹⁵	3199 ³⁰
TA 232	"	5000	17-01-11	27585 ¹⁵	1138 ²⁰	2-9-11	27893 ²⁵	1446 ³⁰
TA 187	"	5000	2-9-11	27893 ²⁵	2436 ⁰⁰			

5		6					
Modifications (Nos)		STI/SI MISCELLANEOUS INSTRUCTIONS					
Date	Reference	Date	Reference	Date	Reference	Date	Reference
22-10-86	SEM/H/0119			22-10-86			Pw/H/77

7	Section	Reference	Description	Serial No	Limiting Assembly/Comp	Due Removal
			PEC UNIT	Q232		

Card Serial No. 1 of 16

MOD Form 750
(Revised Jun 77)

MODULAR ENGINE CHANGE UNIT RECORD CARD

1. QEC UNIT AUTHORIZED LIFE

Q232

2. **TRANSFER AND INSTALLATION DETAILS**

Date	Unit From	Unit To/ Installed In/ Removed From	Support Installation	Life Consumed of ECU		Authority For Transfer/ Reason For Removal
				Part	Total	
3/10/75	LYNEHAM	XV 183/1	6082	—	6099	FITTED
19/10/75	— " —	XV 183/1	6142	60	6159	REMOVED
17/11/75	— " —	XV 189/4	5024	—	6159	FITTED
13/10/78	— " —	XV 189/4	6891	1867	8026	REMOVED
11/11/78	— " —	XV 306/1	8643	—	8026	FITTED
7/2/79	— " —	XV 306/1	9183	540	8566	REMOVED
28/11/79	— " —	XV 178/4	2914	—	8566	FITTED
30-11-83	— " —	XV 178/4	5329	2415	10981	REMOVED T/A REPAIR
8-12-83	— " —	XV 178/4	5329	—	10981	RE-FITTED
24-5-85	— " —	XV 178/4	6547	1218	12199	REMOVED
18-8-85	— " —	XV 214/1	13720	—	12199	FITTED
8-5-86	LYNEHAM	XV 214/1	14051	331	12530	REMOVED 2411 XV214 070586
19-11-86	LYNEHAM	XV 219/4	14810	—	12530	FITTED 4206 XV219 191186
27-4-89	MCE	XV 219/4	16422	1612	14142	REMOVED. G/B. HND DRIVE
21-5-89	MCE	XV 219/4	16422	—	14142	RE-FITTED. AFTER REPAIR
6-4-90	LYN	XV 219/4	17055	633	14775	T/A 0976 XV219 060690
24-4-90	LYN	XV 219/4	17110	55	14830	T/A CXD 1025 XV 219 240490
10-6-91	LYN	XV 219/4	18754	1644	16474	T/A REPAIR 2292 XV 219 180691
2-1-96	LYN	XV 219/4	21503	2749	19223	REM 0845 XV219 020196
26-2-96	LYN	XV 196/2	21091	—	19223	FIT 7180 XV196 260296

Continued on Form No. _____ Serial No. _____

W/O N° 890-763
 UNIT S/N° AE-106889

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CCM FINAL BUILD STANDARD

MOD N°	Description	CAT	INSPECTION STANDARD					BUILD STANDARD			
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DEL	FINAL INSP
4	Filter check valve longer pilot assembly	D/0	SIGMA 0070 **								SIGMA 0082 **
10	T.D.V. bracket of bolted construction	C/3			SIGMA 0111 **						SIGMA 0082 **
11	Sec lab seal stator and diff assy oilway	C/3			SIGMA 0266 **						SIGMA 0082 **
33	Accessory drive shaft oil baffle	C/0			SIGMA 0070 **						SIGMA 0082 **
77	Scavenge filter screen in diffuser section	C/0			SIGMA 0266 **						SIGMA 0082 **
78	Modified diffuser screen bracket	C/0			SIGMA 0266 **						SIGMA 0082 **
79	Comp. Sec lab. Seal - interface contact	D/4	SIGMA 0266 **								SIGMA 0082 **
86	Pressure regulating valve - rubber	B/3			SIGMA 0070 **		SIGMA 0070 **		SIGMA 0082 **		SIGMA 0082 **
106	Stainless steel IGV assembly	D/4			SIGMA 0111 **						SIGMA 0082 **
112	Modified diffuser scavenge tube	C/4			SIGMA 0266 **						SIGMA 0083 **
113	Inner exhaust cone nut	C/3			SIGMA 0070 **		SIGMA 0070 **		SIGMA 0266 **		SIGMA 0083 **
120	Modified comb. Liner crossover ferrules	D/4			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0083 **		SIGMA 0083 **
123	Comp vent air-oil to main engine vent sys	B/2			SIGMA 0111 **						SIGMA 0082 **
127	Inlet housing - strut lfe with buns 'n'	C/4			SIGMA 0111 **		SIGMA 0111 **		SIGMA 0082 **		SIGMA 0082 **
130	Bleed collector spacer baffle	C/0			SIGMA 0266 **						SIGMA 0082 **
136	Modified diffuser with oil baffle fitted	D/4			SIGMA 0266 **						SIGMA 0083 **
140	Removable oil jet tips	D/0	SIGMA 0266 **								SIGMA 0082 **
159	Oil pump drive with viton seals	D/4			SIGMA 0070 **		SIGMA 0070 **		SIGMA 0082 **		SIGMA 0082 **
180	Oil press reg valve - reduced spring length	C/4			SIGMA 0070 **		SIGMA 0070 **		SIGMA 0082 **		SIGMA 0082 **
227	Comb liner thermocouple groms with lead-in	D/4			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0083 **		SIGMA 0083 **
259	Scav pump to acc drive hsg - mod seal	B/2			SIGMA 0070 **		SIGMA 0070 **		SIGMA 0083 **		SIGMA 0082 **
278	SSV drive gear - mod full length gear	D/4	SIGMA 0070 **								SIGMA 0082 **

W/O N°: 690-763
 UNIT S/N°: AE-106689

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CCM FINAL BUILD STANDARD

MOD N°	Description	CAT	INSPECTION STANDARD					BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DEL	FINAL (VSP)	
283	Accessory gearbox scavenge oil union with increased thread diameter and thread engagement torqued into housing at 150-200 lb. ins.	BX/0			SIGMA 0070 **							SIGMA 0082 **
292	Redesigned airline fitting elbow.	D/4		SIGMA 0111 **								SIGMA 0082 **
302	Shrouded C.I.T. probe.	BX/3 WITH MOD 106, CX/3 WITHOUT MOD 106.			SIGMA 0111 **	SIGMA 0143 **	SIGMA 0441 **					SIGMA 0082 **
312	Pressure oil filters assemblies featuring 15-micron filter elements.	CX/3			SIGMA 0070 **							SIGMA 0082 **
326	Engine spray shield bracket kit.	C/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0101 **			SIGMA 0082 **
362 PART B	Introduction of a reworked anti-icing probe (shrouded type) reworked I.A.W. CEB 73-1512	CX/3			SIGMA 0111 **		SIGMA 0111 **		SIGMA 0082 **			SIGMA 0082 **

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W/O N° 690-763
 UNIT S/N° AE-106689

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR ROTOR/CASING SUB ASSEMBLY

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DEL	FINAL INSP
12	1ST STAGE VANE ASSEMBLY WITH TIE BAR	D/O			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0082 **		SIGMA 0082 **
83	COMP CASING SPLITLINE BOLTS - SERMETAL "W"	C/A			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0082 **		SIGMA 0082 **
85	COMP VANES - ALUMINIUM AIRSEALS	D/A			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0082 **		SIGMA 0082 **
122	COMP ROTOR 1ST-2ND STG RELATIONSHIP	C/A			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0082 **		SIGMA 0082 **
125	14TH STG WHEEL - MATERIAL CHANGE	D/A			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0083 **		SIGMA 0083 **
131	COMP CASING SERMETAL "W" COATING	C/A			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0082 **		SIGMA 0082 **
133	2ND-3RD COMP VANES - CHANGE OF ADHESIVE	D/A			SIGMA 0071 **		SIGMA 0071 **		SIGMA 0082 **		SIGMA 0082 **
231	COMP BLEED MANIFOLD ASSY ALSEAL 500 COATED	D/A		SIGMA 0071 **							SIGMA 0082 **
308	COMP WHEELS STAGES 2 TO 14 WITH SERMETAL 2241 COATING	C/O					SIGMA 0071 **	SIGMA 0083 **			SIGMA 0083 **
309	SHOT PEENED STAGE 1 COMP WHEEL	C/O					SIGMA 0071 **	SIGMA 0083 **			SIGMA 0083 **
333	1st STAGE COMP. WHEEL FEATURING AL-1 ANTI-CORROSION PROTECTION COATING.	D/O					SIGMA 0071 **	SIGMA 0083 **			SIGMA 0082 **
359	14 TH STAGE COMP. WHEEL - SILVER/INDIUM PLATING REMOVAL (REF. CEB 72-1575)	C/3					SIGMA 0071 **	SIGMA 0083 **			SIGMA 0083 **

** = SERVICEABLE/REPAIRABLE PRE MOD. 308 COMPRESSOR WHEELS (i.e. NICKEL/CAD AND ELECTROLESS NICKEL PLATED) SHOULD CONTINUE TO BE REFITTED FOR FURTHER ENGINE RUNNING AS PER CURRENT STANDARD PRACTICE.

** = BRIT. MOD 333 - NEW AND SERVICE RUN WHEELS TO BE MODIFIED.

** = BRIT. MOD 309 - C AS REQUIRED AT REPAIR AND RECONDITION (ONLY UNUSED STOCK TO BE MODIFIED).

* 6th STAGE WHEEL, NOT AUTHORIZED, ACCEPTED ENG SIGMA 0083 ** 19/4/04

W/O N° 690-763
 UNIT S/N° AE-106689

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - CCM BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			1/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DEL	SIGNAL INSP	
5	FRONT BEARING - STEEL SEPARATOR	D/0			SIGMA Ø130 **							SIGMA Ø097 **
158	FRONT MAIN BRG - CHANGE OF MATERIAL	D/4		SIGMA Ø130 **								SIGMA Ø097 **
189	ACC DRIVE SHAFT BRG SEPARATOR - MATERIAL CHANGE	D/4		SIGMA Ø130 **			SIGMA Ø130 **		SIGMA Ø097 **			SIGMA Ø097 **
229	EXTENSION SHAFT BRG - MATERIAL CHANGE	D/4		SIGMA Ø130 **					SIGMA Ø097 **			SIGMA Ø097 **

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V/O N°: 401-000-1691
 UNIT S/N°: AE106889

HUNTING AVIATION LTD
 MOD T56-A-15 BWT. MUOS
 CCM FINAL BUILD STANDARD

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD			
			100	101	102	103	104	105	106	107
159	OIL PUMP DRIVE WITH VITON SEALS	D/4			53	53		113		113
180	OIL PRESS REG VALVE - REDUCED SPRING LENGTH	D/4			53	53		20		20
227	COMB LINER THERMOCOUPLE GRGMS WITH LEAD-IN	D/4			54	54		20		20
258	SCAV PUMP TO ACC DRIVE HSG - MOD SEAL	B/2			53	53		113		113
278	SSV DRIVE GEAR - MOD FULL LENGTH GEAR	D/4			53					53
283	ACCESSORY GEARBOX SCAV-ENGE OIL URICH WITH INCREASED THREAD DIAMETER AND THREAD ENGAGEMENT TORQUED INTO HOUSING AT 150-200 LB. IN.	BK/0				53		20		20
292	REDESIGNED AIR LINE FITTING ELBOW	D/4			53					113
300	SHROUDED C.I.T. PROBE	BX/3 WITH MOD 106, CX/3 WITHOUT MOD 106				53		20		20
312	PRESSURE OIL FILTER ASSEMBLIES FEATURING 15 MICRON FILTER ELEMENTS	CX/3				53		20		20
322	MODIFIED CHIP DETECTOR FEATURING A LARGER KNURLED HEAD	C/3			53	53		20		20
328	ENGINE SPRAY SHIELD BRACKET KIT	C/4			53	53		20		20
ST1 196/15	PT2 REDUCER ELBOW SEAL FITTMENT PART N° AS 3085-010	MANDATORY			53	53		20		20

FORM N°: AAC/21
 SHEET: 2 OF 2
 ISSUE: 14 28 Nov 85

//D N°: 401-000-1691
 NIT S/N°: AE106889

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR COMBUSTION ANCILLARIES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD					
			AS	BY DATE	FLIGHT DATA	FLIGHT DATA DATE	TO BE DATE	SHEET DATE	SHEET BY DATE	ENG	FINAL SIGN		
7	10 MICRON FILTER COMPRESSOR AIR BLEED	B/3			52								
117	FILTER ASSEMBLY ADDED TO SCAVENGE OIL LINE	B/2	52										
132	FUEL HOSE FIREBLEEVING - MATERIAL CHANGE	PT1 D/4 PT2 B/2			52								
149	RE-ROUTED SSV EXIT HOUSE (SEE BRIT MOD 101)	B/2							52				
215	REVISED HOSE ASSEMBLY POWER SECTION TO SCAVENGE OIL FILTER	C/3	52										
279	A.C. IGNITER PLUG - TWO PIECE CONSTRUCTION	D/4							52				
304	INTRODUCTION OF FUEL HOSES WITH INTEGRAL FIREBLEEVES	D/4											
343	INTRODUCTION OF A NEW IGNITER ASSEMBLY TO PROVIDE IMPROVED SERVICE LIFE	C IN SETS 3 IN SETS WDT&AC											

FORM N°: AAC-21A
 SHEET: 1 OF 1
 ISSUE: # 28 Nov 95

EX-MOD-AIRCRAFT.COM

I/O N°: 401-000-1691
 NIT S/N°: AE106689

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - FUEL SYSTEM

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD					
			ISA	NOT INS	FIXED DEF	FOUND DEF/ISS	ISS DEF	DEF'S (DEF)	DEF'S (DEF)	DEF'S (DEF)	DEF'S (DEF)		
13	FCU THERMO-CONTROL WITH INCONEL BELLOW	B/A											
101	SSV OF SIMPLIFIED CONSTRUCTION	D/O											
184	SSC MODIFIED DRIVE COUPLING	B/C											
228	MODIFIED FUEL FILTER PRESSURE SWITCH	DALT/4A1Z											
235	FCU BENDIX MOD CP.5032 NYLON SNUBBING BLOCK	C/C											
200	STRENGTHENED FCU THERMOSTAT CAPILLARY AND TUBES	D/H											
267	DELETION FROM CO-ORDINATOR CONTROL ASSY (AT REPAIR AND RECTIFICATION ONLY) OF REDUNDANT 65 MICROSWITCH	CX/C											
326	MODIFIED TEMPERATURE DATUM VALVE INCORPORATING MULTIPLE DESIGN IMPROVEMENTS	S.O.O. FOR 3 SETS											
327	INTRODUCTION OF A REWORKED THERMOSTAT PROBE USED ON AP-B3 FUEL CONTROL UNIT	C/C											

FORM N°: AAC-218
 SHEET: 1 OF 1
 ISSUE: B 29 Nov 95

EX-MOD-AIRCRAFT.COM

O N°: 401-000-1691
 IT S/N°: AE106689

HUNTING AVIATION LTD
 MOD T96-A-19 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR ROTOR/CASING SUB ASSEMBLY

AOC N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			SA	MT	FRAME	FRAME	T/RE	SAFETY	SWTS	DEL.	FINAL
12	1ST STAGE VANE ASSEMBLY WITH TIE BAR	D/D			SA		SA		20		20
83	COMP CASING SPLITLINE BOLTS - SERMETAL "W"	C/A			SA						20
85	COMP VANES - ALUMINIUM AIRSEALS	D/A			SA		C/A		20		20
122	COMP ROTOR (1ST-2ND STG RELATIONSHIP)	C/A			53						20
125	14TH STG WHEEL - MATERIAL CHANGE	D/A			53						20
131	COMP CASING SERMETAL "W" COATING	C/A			SA		C				20
133	2ND-3RD COMP VANES - CHANGE OF ADHESIVE	D/A			SA		C		20		20
231	COMP BLEED MANIFOLD ASSY ALSEAL 500 COATED	D/A			SA						20
306	COMP WHEELS STAGES 2 TO 14 WITH SERMETAL 2241 COATING	C/O					53		20		20
309	SHOT PEENED STAGE 1 COMP WHEEL	C/O			53						20
333	1st STAGE COMP. WHEEL FEATURING AL-1 ANTI-CORROSION PROTECTION COATING.	D/D					53		20		20

** = SERVICEABLE/REPAIRABLE PRE MOD. 306 COMPRESSOR WHEELS (i.e. NICKEL/COBALT AND ELECTROLESS NICKEL PLATED) SHOULD CONTINUE TO BE REFFITTED FOR FURTHER ENGINE RUNNING AS PER CURRENT STANDARD PRACTICE.

* = BRIT. MOD 333 - EXISTING NEW STOCK AND NEW SUPPLIES TO BE MODIFIED

*** = BRIT. MOD 309 - C AS REQUIRED AT REPAIR AND RECONDITION (ONLY UNUSED STOCK TO BE MODIFIED)

FORM N° AAC-21C
 SHEET: 1 OF 1
 ISSUE: 13. 28 Nov 85

IO N°: 401-000-1691
 ITT S/N°: AE106689

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - CCM BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			W/A	NOT ENG	FOUND ENG	FOUND SHAFTS ENG	TO BE ENG	ENG'D (DATE)	ENG'D (S/N)	ENG'D (S/N)	FINAL ENG	
5	FRONT BEARING - STEEL SEPARATOR	D/O										
168	FRONT MAIN BRG - CHANGE OF MATERIAL	D/4										
189	ACC DRIVE SHAFT BRG SEPARATOR - MATERIAL CHANGE	D/4										
278	EXTENSION SHAFT BRG - MATERIAL CHANGE	D/4										

FORM N°: AAC-21D
 SHEET: 1 OF 1
 ISSUE: 5 28 Nov 96

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor assembly Mark T56-A-15 Serial No AE106689 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 690-763

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during [* construction
* reconditioning
* repair

Modifications Embodied: 308 (part, stage 6 Wheel not embodied), 309, 333, 369.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Date 01/07/04 Signed 

* Service } Authorized Signatory
* Contractor }

At Unit/Works Sigma Aerospace Ltd



* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor assembly Mark T56-A-15 Serial No AE106689 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 690-763

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

- * construction
- * reconditioning
- * repair

Modifications Embodied: 308 (part, stage 6 Wheel not embodied), 309, 333, 369.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Date 01/07/04 Signed _____

At Unit/Works Sigma Aerospace Ltd

* Service } Authorized Signatory
* Contractor }

Approved
Stamp

SIGMA
0052
**

* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor assembly Mark T56-A-15 Serial No AE106689 has been inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 690-763

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during [* construction
* reconditioning
* repair

Modifications Embodied: 308 (part, stage 6 Wheel not embodied), 309, 333, 369.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Date 01/07/04 Signed  * Service } Authorized Signatory
* Contractor }
At Unit/Works Sigma Aerospace Ltd

Approved Stamp
SIGMA
052
**

* Delete as necessary (NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Allison Engine Mark T.56 Serial No AE 106689 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC23A/2034 Job No _____
Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

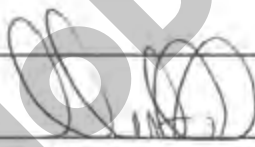
- * construction
- * reconditioning
- * repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled:

SI/ALLISON/9

Date 78 NOV 1999 Signed  * Service * Contractor] Authorized Signatory
Unit/Works Marshall of Cambridge Aerospace Ltd, The Airport, Cambridge, CB5 8RX

Approved Stamp
KR 22 Q.D

Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combinations Module, Mark 128-812 Serial No 11111111 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No 11111/87 Job No 11111111

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input type="checkbox"/> construction
<input type="checkbox"/> reconditioning
<input type="checkbox"/> repair

Modifications Embodied:

11111, 11111, 11111, 11111, 11111, 11111, 11111, 11111

Modifications Removed:

11111

Technical Instructions Fulfilled:

Date 11/11/87 Signed [Signature] * Service * Contractor } Authorized Signatory

At Unit/Works 11111 Aviation Ltd

* Delete as necessary



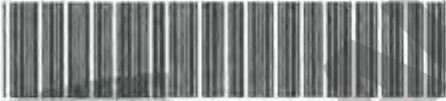
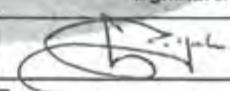
(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

SERVICEABLE - Equipment Conditioning Label

Ship/Station/Unit/Contractor (Where made Serviceable) LY PRF GTC BAY		Work No 2697	Aircraft No LYBAY	Day 11	Mth 05	Yr 11	SERVICEABLE	
NATO Stock No / Sect & Ref No* 2840 01-0893950				Life Data		ERC Attached Yes / No ERC Form Number 735A		
Part No 6873338				Authorised Life 5000 hrs		Authority AP100E 01B		
Serial No TA187				Total Usage Since		Life Remaining To / Date Due		
Description MODULE; ENGINE; TURBINE		LITS Equipment Type / WRAM ALC MDLE2840-011		New <input checked="" type="checkbox"/>		Bay Maintenance <input checked="" type="checkbox"/>		
				Reconditioned 2436⁰⁰ hrs		Reconditioning 2564⁰⁰ hrs		
				Installed <input checked="" type="checkbox"/>		Finite Fatigue <input checked="" type="checkbox"/>		
				Tracked Asset	LIS	Yes	Qty	Quality Occurrence Report (QOR) / Incident Report (IR) / Calibration*
					Name of LIS: LITS		016	
				NSCM/CAGE 73342		YES / No *		
Safety and Hazard Information								
HWC								
Is Part / Serial No* Different Yes / No*								
Original Part No: -								
Original Serial No: -								

Fold Here **SERVICEABLE** **SERVICEABLE** Fold Here

LIS Work Order No 2697LYBAY110511				PDF - 417 Bar Code / WRAM Data Information *	
Deficiencies					
Remarks STATOR PACK REPAIRED IAW T.O.2J-T56-56 & AP101B 0701/0703-5F, SECT 4 CHAPT 20 <u>PIN FIN</u>					
<i>COMBUSTION LINES AND THERMOCOUPLES FITTED. THERMOCOUPLE WIRINGES WITH MODULE</i>					
Significant Trackable Item (STItem)(LITS RAF only)			PDF - 417 Bar Code / WRAM Data Information *		
STItem	Yes	ESR Checked for Currency/Updated * Yes / No *			
Rank/Name	Mr C YORK				
Unit	RAF LYNEHAM				
Condition and Safety Certificate					
The signature/stamp below certifies that the item is serviceable and that the relevant Safety Precautions / Inhibiting / Preservation actions have been taken.					
Condition	Rank & Name	Date	Signature/Stamp		
SERVICEABLE	Mr C YORK	2nd June 2011			

* Delete as Appropriate

SERVICEABLE

SERVICEABLE - Equipment Conditioning Label

Ship/Station/Unit/Contractor (Where made Serviceable) LY PRF GTC BAY		Work No 2697	Aircraft No LYBAY	Day 11	Mth 05	Yr 11	SERVICEABLE	
NATO Stock No / Sect & Ref No* 2840 01-0893950		Barcode: 01-0893950						
Part No 6873338		Barcode: 6873338					Life Data ERC Attached Yes/No* <input checked="" type="checkbox"/> ERC Form Number 735A Authorised Life 5000 hrs Authority AP100E 01B Total Usage Since Life Remaining To / Date Due New Bay Maintenance Reconditioned 2436 ⁰⁰ hrs Reconditioning 2564 ⁰⁰ hrs Installed Finite Fatigue	
Serial No TA187		Barcode: TA187					Tracked Asset LIS Yes Qty 016 Name of LIS: LITS NSCM/CAGE 73342 YES / No * Quality Occurrence Report (QOR) / Incident Report (IR) / Calibration*	
Description MODULE; ENGINE; TURBINE		Safety and Hazard Information HWC						
LITS Equipment Type/ WRAM ALC MDLE2840-011		Barcode: MDLE2840-011					Is Part / Serial No* Different Yes / No* Original Part No: - Original Serial No: -	

Fold Here **SERVICEABLE**

SERVICEABLE Fold Here

LIS Work Order No 2697LYBAY110511		Barcode: 2897LYBAY110511	
Deficiencies			
Remarks STATOR PACK REPAIRED IAW T.O.2J-T56-56 & AP101B 0701/0703-5F, SECT 4 CHAPT 20 <u>PIN FIN</u> COMBUSTION LINES AND THERMOCOUPLES FITTED. THERMOCOUPLE WIRINGS WITH MODULE.			
Significant Trackable Item (STItem)(LITS RAF only)		PDF - 417 Bar Code / WRAM Data Information *	
STItem Yes	ESR Checked for Currency/Updated * Yes / No *		
Rank/Name	Mr C YORK		
Unit	RAF LYNEHAM		
Condition and Safety Certificate			
The signature/stamp below certifies that the item is serviceable and that the relevant Safety Precautions / Inhibiting / Preservation actions have been taken.			
Condition	Rank & Name	Date	Signature/Stamp
SERVICEABLE	Mr C YORK	2 nd JUNE 2011	

* Delete as Appropriate

SERVICEABLE

Inspection, Test and Modification Certificate

Certified that TURBINE MODULE Mark T56-A-15 Serial No TA187 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No 4000115399 Job No 124-595 (29-8353)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

REPAIRED ITEM 6. T.S.O. 2,307.00.Hrs.

Modifications Embodied: 253 Part Embodied.

Modifications Removed: Nil.

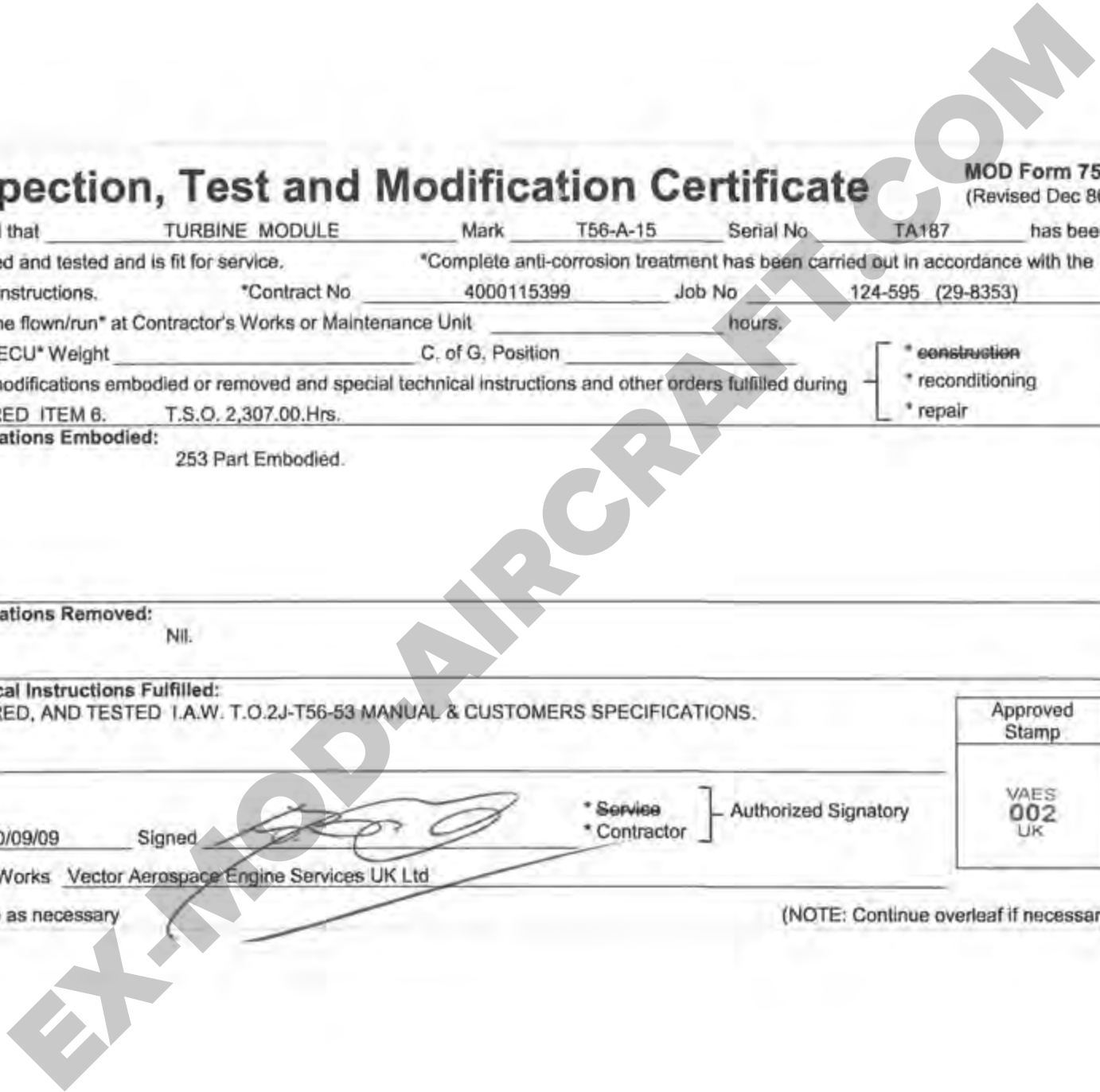
Technical Instructions Fulfilled: REPAIRED, AND TESTED I.A.W. T.O.2J-T56-53 MANUAL & CUSTOMERS SPECIFICATIONS.

Approved Stamp
VAES 002 UK

Date 10/09/09 Signed  * Service * Contractor } Authorized Signatory

At Unit/Works Vector Aerospace Engine Services UK Ltd

* Delete as necessary (NOTE: Continue overleaf if necessary)



Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Turbine Module Mark T56-A15 Serial No TA187 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 630-484
Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

- * construction
- * reconditioning
- * repair

Modifications Embodied:
178 (part), (now fully embodied).
320 Part 1, (part) - now fully embodied.
320 Part 2 (part),
320 Part 5.

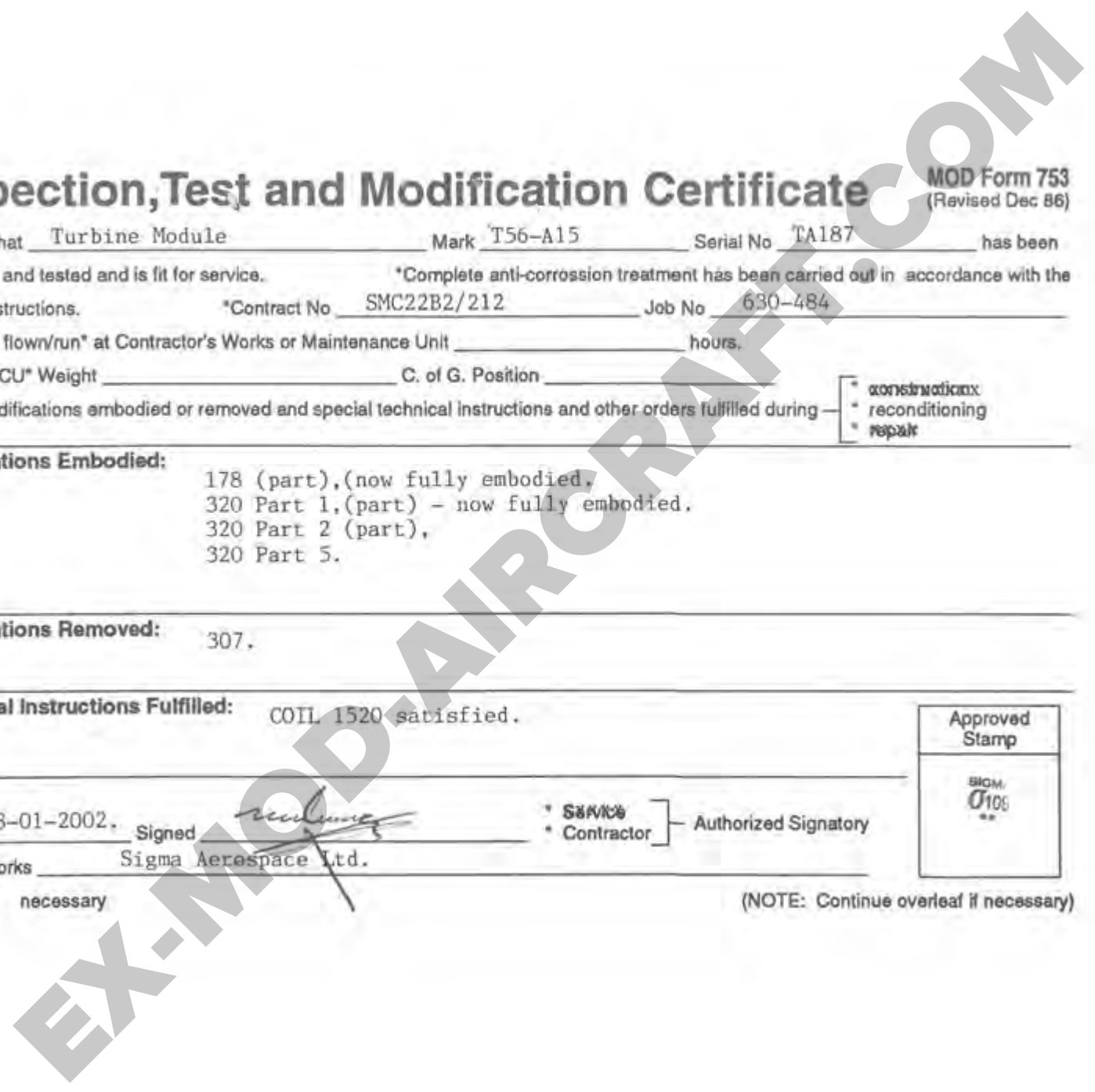
Modifications Removed: 307.

Technical Instructions Fulfilled: COIL 1520 satisfied.

Approved Stamp
SIGMA 0106 ..

Date 08-01-2002, Signed [Signature] * Service Contractor } Authorized Signatory
* Works Sigma Aerospace Ltd.
necessary

(NOTE: Continue overleaf if necessary)

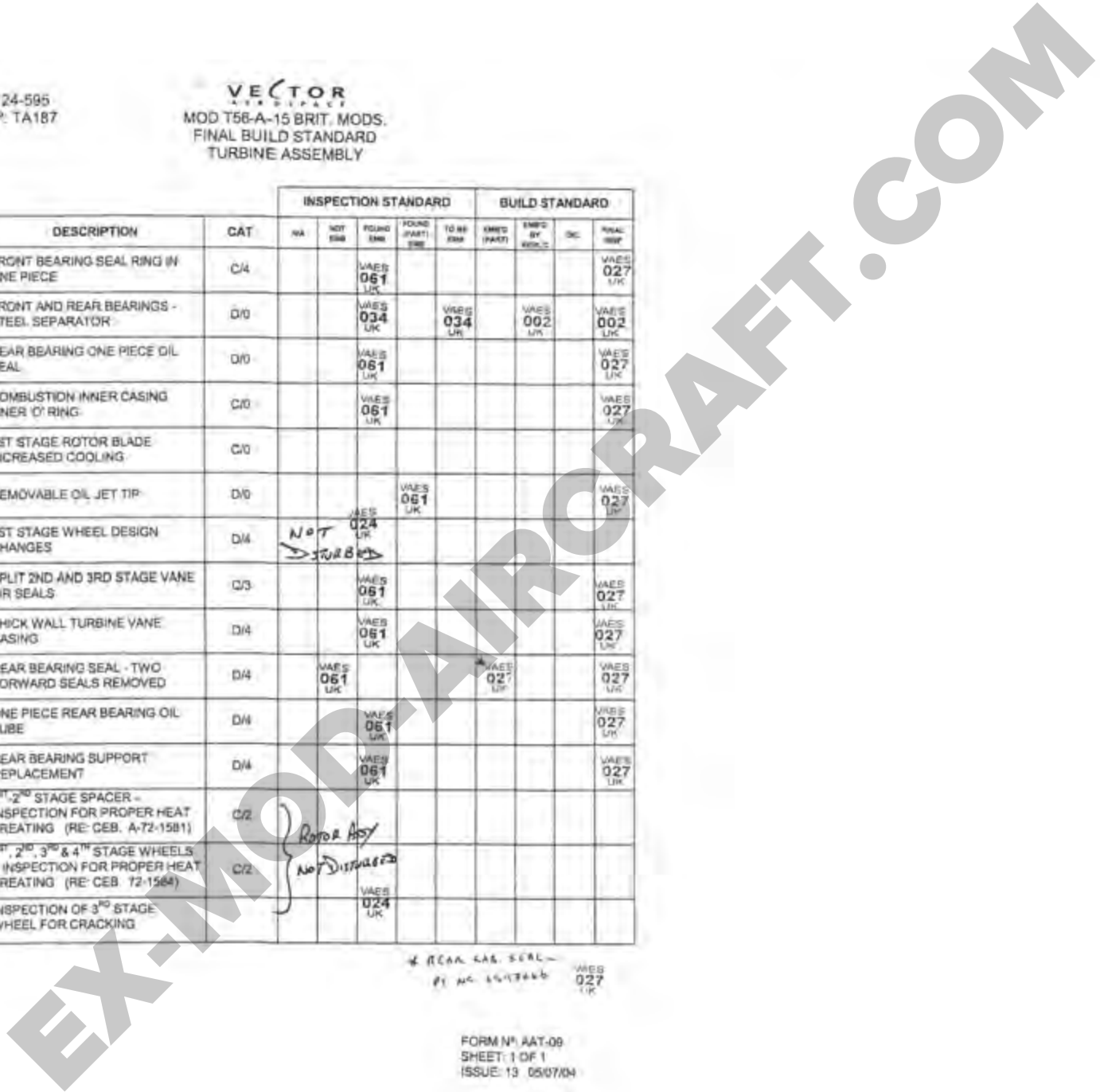


W/O N°: 124-595
 UNIT S/N°: TA187

VECTOR
 AIRCRAFT
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE ASSEMBLY

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			WA	NOT ENG	FOUND ENG	FOUND (PART) ENG	TO BE ENG	ENG'D (PART)	ENG'D BY ENG/C	OK	FINAL REP	
3	FRONT BEARING SEAL RING IN ONE PIECE	C/4			VAES 061 L/K							VAES 027 L/K
5	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D/0			VAES 034 L/K		VAES 034 L/K		VAES 002 L/K			VAES 002 L/K
11	REAR BEARING ONE PIECE D/L SEAL	D/0			VAES 061 L/K							VAES 027 L/K
25	COMBUSTION INNER CASING LINER O' RING	C/0			VAES 061 L/K							VAES 027 L/K
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C/0										
140	REMOVABLE OIL JET TIP	D/0					VAES 061 L/K					VAES 027 L/K
144	1ST STAGE WHEEL DESIGN CHANGES	D/4		NOT ENG	VAES 024 L/K							
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C/3			VAES 061 L/K							VAES 027 L/K
223	THICK WALL TURBINE VANE CASING	D/4			VAES 061 L/K							VAES 027 L/K
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED	D/4		VAES 061 L/K				VAES 027 L/K				VAES 027 L/K
270	ONE PIECE REAR BEARING OIL TUBE	D/4			VAES 061 L/K							VAES 027 L/K
290	REAR BEARING SUPPORT REPLACEMENT	D/4			VAES 061 L/K							VAES 027 L/K
370	1 st , 2 nd STAGE SPACER - INSPECTION FOR PROPER HEAT TREATING (RE: CEB. A-72-1581)	C/2										
371	1 st , 2 nd , 3 rd & 4 th STAGE WHEELS - INSPECTION FOR PROPER HEAT TREATING (RE: CEB. 72-1568)	C/2										
C.O.J.L. 1520	INSPECTION OF 3 rd STAGE WHEEL FOR CRACKING				VAES 024 L/K							

* REAR LAB. SEAL -
 PI NO. 647446 VAES 027 L/K



W/O N°: 124-595
 UNIT S/N°: TA187

VECTOR
 AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE BLADES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD				
			OK	NOT EMB.	FOUND EMB.	FOUND (PART) EMB.	TO BE EMB.	EMB'D (PART)	EMBE BY REPL.C	DEL.	FINAL DISP.
179	1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/A	}								
194	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/A									
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/A									
291	1ST STAGE ROTOR BLADES IN MAR-M246 REPLACING BLADES IN INCO 738 MATERIAL	C IN SETS/D		*							
320	PART 3 - 1ST STAGE ROTOR BLADES	D/O IN SETS									
	PART 4 - 2ND STAGE ROTOR BLADES	D/O IN SETS									
*	1 ST - 4 TH STG.										
	INSPECTED IN SITU:										
	SATIS: ^{VAES} 024										
	2/7/09.										

W/O N°: 630-484
 UNIT S/N°: TA 187

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE ASSEMBLY

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			W/O	INST	FOUND	FOUND	TO BE	SWAYD	EMPT-	QTY	SIGNAL	
				FAB	FAB	(PART)	STAB	(FACT)	REACT			
3	FRONT BEARING SEAL RING IN ONE PIECE	C/A			SIGMA 0287 **			SIGMA 0287 **	SIGMA 0283 **		SIGMA 0283 **	
6	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D/O			SIGMA 0287 **						SIGMA 0283 **	
8	REAR BEARING ONE PIECE OIL SEAL	D/O			SIGMA 0287 **				SIGMA 0283 **		SIGMA 0283 **	
25	COMBUSTION INNER CASING LINER 'O' RING	C/O			SIGMA 0287 **				SIGMA 0283 **		SIGMA 0283 **	
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C/O			SIGMA 0287 **						SIGMA 0283 **	
124	1ST STAGE GUIDE VANES - CHANGE OF MATERIAL	SEE MOD238	SIGMA 0287 **								SIGMA 0283 **	
140	REMOVABLE OIL JET TIP	D/O				SIGMA 0287 **					SIGMA 0283 **	
144	1ST STAGE WHEEL DESIGN CHANGES	D/A			SIGMA 0287 **						SIGMA 0283 **	
176	1ST STAGE GUIDE VANE SADDLES - MATERIAL CHANGE	D/A			SIGMA 0287 **	SIGMA 0287 **	SIGMA 0287 **	SIGMA 0283 **			SIGMA 0283 **	
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C/O			SIGMA 0287 **						SIGMA 0283 **	
223	THICK WALL TURBINE VANE CASING	D/A			SIGMA 0287 **						SIGMA 0283 **	
238	1ST STAGE GUIDE VANES - RESET OIL AEROFOIL	D IN SETS/ 4 IN SETS			SIGMA 0287 **				SIGMA 0283 **		SIGMA 0283 **	
251	2ND STAGE VANE SEGMENTS - SOLID AEROFOIL	D/O			SIGMA 0287 **		SIGMA 0287 **	SIGMA 0283 **			SIGMA 0283 **	
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED	D/A			SIGMA 0287 **						SIGMA 0283 **	
270	ONE PIECE REAR BEARING OIL TUBE	D/A			SIGMA 0287 **						SIGMA 0283 **	
290	REAR BEARING SUPPORT REPLACEMENT	D/A			SIGMA 0287 **						SIGMA 0283 **	
307	1ST STAGE GUIDE VANES REPAIR SCHEME	C/A			SIGMA 0287 **	SIGMA 0287 **			SIGMA 0283 **		SIGMA 0283 **	

W/O N°: 630-484
 UNIT S/N°: TA 187

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE ASSEMBLY

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REF./C.	DEL.	FINAL INSP.
320	PART 1 - 1ST STAGE GUIDE VANES	D/H IN SETS				SIGMA 0287 **	SIGMA 0287 **		SIGMA 0283 **		SIGMA 0283 **
	PART 2 - 2ND STAGE GUIDE VANES	D/H IN SETS		SIGMA 0287 **	<i>Peet</i>		SIGMA 0287 **	SIGMA 0283 **		SIGMA 0283 **	
	PART 5 - GUIDE VANE SADDLES	D/H IN SETS					SIGMA 0287 **	SIGMA 0283 **		SIGMA 0283 **	
C.O.I.L. 1520	INSPECTION OF 3 RD STAGE WHEEL FOR CRACKING, S.A.T. 1 S.	SIGMA 0282 **									

EX-MOD-AIRCRAFT.COM

W/O N°: 530-484
 UNIT S/N°: TA 187

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE BLADES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOT SMB	FOUND SMB	FOUND (PART) SMB	TO BE SMB	EMTS (PART)	EMTS BY REPL.C	DEL.	FINAL RQR	
179	1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/4				SIGMA 0079 **		SIGMA 0077 **				SIGMA 0077 **
194	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/4		SIGMA 0079 **						SIGMA 0077 **		SIGMA 0077 **
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/4		SIGMA 0079 **						SIGMA 0077 **		SIGMA 0077 **
291	1ST STAGE ROTOR BLADES IN MAR-M246 REPLACING BLADES IN INCO 738 MATERIAL	C IN SETS/0			SIGMA 0079 **			SIGMA 0077 **				SIGMA 0077 **
320	PART 3 - 1ST STAGE ROTOR BLADES	D/0 IN SETS		SIGMA 0079 **						SIGMA 0077 **		SIGMA 0077 **
	PART 4 - 2ND STAGE ROTOR BLADES	D/0 IN SETS			SIGMA 0079 **			SIGMA 0077 **				SIGMA 0077 **

W/O N°: 630-484
 UNIT S/N°: TA 187

SIGMA AEROSPACE
 MOD T56-A-15 BRIT, MODS,
 FINAL BUILD STANDARD
 TURBINE ANCILLARIES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			OK	NOT OK	FOUND OK	FOUND (PART) OK	TO BE OK	OK'D (PART)	OK'D BY REPLC	DEL	FINAL INSP	
2	IMPROVED THERMOCOUPLE ASSEMBLY	SUP'D BY 245	OK SIGMA Ø132 **									SIGMA Ø132 **
14	THERMOCOUPLE ASSEMBLY - HASTELLOY CASTING	SUP'D BY 245	OK SIGMA Ø132 **									SIGMA Ø132 **
245	THERMOCOUPLE ASSEMBLY - DIMENSIONAL CHANGES	D/4			SIGMA Ø132 **							SIGMA Ø132 **

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Turbine Module Mark T56-A15 Serial No TA187 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the

current instructions. *Contract No AE11B/87 Job No 401 000 4962

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during
Repaired @ 3206:00 hrs. T.S.O. construction
 reconditioning
 repair

Modifications Embodied:

270 & 291.

Modifications Removed:

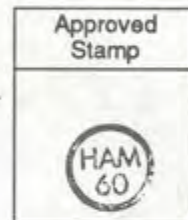
Nil.

Technical Instructions Fulfilled:

Nil.

Date 31-07-97 Signed [Signature] * ~~Service~~ Contractor Authorized Signatory

At Unit/Works xxx Hunting Aviation Ltd.



* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

(Revised Dec 86)

Certified that 1/2 Turbine Module Mark T56-A15 Serial No _____ has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A42a/739 Job No 401 000 4146

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.
* Engine / ECU Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Module Not Tested

- * construction
- * reconditioning
- * repair

Modifications Embodied: 307-(21 off only) 320 pt4

Modifications Removed: Nil

Technical Instructions Fulfilled: Nil

Date 11/08/89 Signed [Signature]

* Service
* Contractor } Authorized Signatory

At Unit / Works field Airmotive Limited

* Delete as necessary

Approved Stamp


(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

W/O N°: 401-000-4962
 UNIT S/N: 74 197

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE ASSEMBLY

REPAIR

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			NO	REF	FOUR	FIVE	TO BE	BY	BY	DATE	FINAL
307	1ST STAGE GUIDE VANES REPAIR SCHEME	C/A				10		79			79
320	PART 1 - 1ST STAGE GUIDE VANES	D/A IN SETS				10	10	79			79
	PART 2 - 2ND STAGE GUIDE VANES	D/O IN SETS			10						79
	PART 5 - GUIDE VANE SADDLES	D/O IN SETS			10						79
COIL 1520	THIRD STAGE TURBINE HUB LUBRIC COIL. (SEE 74)	By ENG.									147

FORM N°: AAT-09
 SHEET: 2 OF 2
 ISSUE: 8

EX-MOD-AIRCRAFT.COM

W/O N°: 401-000-4962
 UNIT S/N°: ~~1996-7A R7~~

HUNTING AVIATION LTD
 MOD T50-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE BLADES

MOD

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NO.	MT	FORM	PLANE	TO BE	MARK	MARK	NO.	FINAL	
179	1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/A				17						90
194	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/A										90
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/A										90
291	1ST STAGE ROTOR BLADES IN MAR-M240 REPLACING BLADES IN INCO 738 MATERIAL	C IN SETS/O				17		90				90
320	PART 3 - 1ST STAGE ROTOR BLADES	D/O IN SETS	90									90
	PART 4 - 2ND STAGE ROTOR BLADES	D/O IN SETS										90
	<i>2nd 3rd - 6th</i> <i>Discovered in 5th</i>											90

FORM N°: AAT-10
 SHEET: 1 OF 1
 ISSUE: 7

EX-MOD-AIRCRAFT.COM

W/O N°: 401-000-4862
 UNIT S/N: TA266137

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE ANCILLARIES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			ALL	NOT ENG	FOUND ENG	FOUND UNMET ENG	TO BE ENG	ENG'S (PART)	ENG'S BY SUPPL	ENG.	FINAL REP	
3	IMPROVED THERMOCOUPLE ASSEMBLY	SUP'D BY 245	✓									✓
14	THERMOCOUPLE ASSEMBLY - HASTELLOY CASTING	SUP'D BY 245	✓									✓
246	THERMOCOUPLE ASSEMBLY - DIMENSIONAL CHANGES	D/4			✓							✓

FORM N°: AAT-11
 SHEET: 1 OF 1
 ISSUE: 5

EX-MOD-AIRCRAFT.COM

FIELD AIRCRAFT SERVICES (CROYDON) LTD

H.O.D. T54-A-15 BRIT.MODS.

FINAL BUILD STANDARD

TURBINE ASSEMBLY

SERIAL NO. TA 187 WORKS ORDER NO. 100-1121

MOD No.	DESCRIPTION	DAT.	FOUND EMB BY FAS	TO BE EMB BY FAS	FINAL INSP
3	FRONT BEARING SEAL RING IN ONE PIECE	C/4	(34)		(34)
6	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D/8	40		40
8	REAR BEARING ONE PIECE OIL SEAL	D/8	123		89
25	COMBUSTION INNER CASING LINER 'O' RING	C/8	34		89
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C/8	55		89
124	1ST STAGE GUIDE VANES - CHANGE OF MATERIAL	SEE MOD238	/	/	/
148	REMOVABLE OIL JET TIP <i>NOT EMB (34)</i>	D/8	/	/	/
144	1ST STAGE WHEEL DESIGN CHANGES	D/4	55		89
176	1ST STAGE GUIDE VANE SADDLES - MATERIAL CHANGE	D/4	123		89
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C/8	34		89
223	THICK WALL TURBINE VANE CASING	D/4	34		54
238	1ST STAGE GUIDE VANES - RESET AEROFOIL	0 IN SETS 4 IN SETS	123		89
251	2ND STAGE VANE SEGMENTS - SOLID AEROFOIL	D/8	123		54
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED <i>NOT EMB (34)</i>	D/4	/	/	/
278	ONE PIECE REAR BEARING OIL TUBE <i>N/C (123)</i>	D/4	/	/	/
387	1ST STAGE GUIDE VANES REPAIR SCHEME	PART EMB * 2.0V FULLY EMB *			89
328	PART 1 - 1ST STAGE GUIDE VANES	D/4 IN SETS	/	/	/
	PART 2 - 2ND STAGE GUIDE VANES	D/8 IN SETS	/	/	/
	PART 5 - GUIDE VANE SADDLES <i>partly emb (86)</i>	D/8 IN SETS	/	/	/

* TICK AS APPLICABLE

FORM NO. A-A-T-9
SHEET 1 OF 1
ISS. 5

M.O.D.

FIELD AIRCRAFT SERVICES (CROYDON) LTD

H.O.D. T56-A-15 BRIT.MODS.

FINAL BUILD STANDARD

TURBINE BLADES

FORM NO. A-T-18

SERIAL NO. TA 187

WORKS ORDER NO. _____

MOD No.	DESCRIPTION	CAT.	FOUND EMB BY FAS	TO BE EMB BY FAS	FINAL INSP
179	1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/4	96		96
194	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/4	96		96
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/4	96		96
328	PART 3 - 1ST STAGE ROTOR BLADES	D/8 IN SETS	Not Embodied		96
	PART 4 - 2ND STAGE ROTOR BLADES	D/8 IN SETS		96	96

FORM NO. A-A-T-18
SHEET 1 OF 1
ISS. 4

FIELD AIRCRAFT SERVICES (CROYDON) LTD

M.O.D. T56-A-15 BRIT.MODS.

FINAL BUILD STANDARDS

TURBINE ACCESSORIES

401-4146

SERIAL NO. TA187.

WORKS ORDER NO. _____

MOD No.	DESCRIPTION	CAT.	FOUND EMB BY FAS	TO BE EMB BY FAS	FINAL INSP
2	IMPROVED THERMOCOUPLE ASSEMBLY	SUP'D BY 245	57		51
14	THERMOCOUPLE ASSEMBLY - HASTELLOY CASTING	SUP'D BY 245	57		51
245	THERMOCOUPLE ASSEMBLY - DIMENSIONAL CHANGES	D/4	57		51

W/D N°: 401-000-3815
 UNIT EMPL: 5020 P20

HUNTING AIRMOTIVE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - REDUCTION GEARBOX

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOT ENG	FOUND ENG	FOUND (PART) ENG	TO BE ENG	EMTS (PART)	EMTS BY REPLIC	DEL	FINAL INSP	
9	STRENGTHENED OIL PUMP SHAFT	D/D			10							79
31	TEDECO MAGNETIC CHIP DETECTORS	B/D			10							79
130	LOCK POWER TRAIN BRGS & BEAR PIN BRG OILJET ALSO SEE FORM 3AR 13A	B/D			10		10			79		79
119	RISE MAG CHIP DETECT - REV TO SCREW TYPE	B/D			10							79
126	MODIFIED OIL PUMP AND FILTER ASSY.	B/D			10		10	10		79		79
134	MODIFIED GEAR BOX CASING - OIL MIST	D/D			10		10	10		79		79
138	3 RICE RING GEAR	CWOTEA D/D			10							MD
145	MAIN DRIVE GEAR BRG BORE-SUPERSEDES MOD 67	D/H			10							HAM 105
158	WYTON SEALS - OIL PUMP DRIVES	D/H			10		10			MD		MD
175	MOD NUTS AND LOCKING WASHERS - ACC DRIVES	D/H			10		10			79		79
188	POSITIVE OIL FEED TO TACHO DRIVE SHAFT BEARINGS	B/D			10							79
241	STARTER DRIVE SHAFT MAGNETIC SEAL	D/H			10		10			79		79
255	INTRODUCTION OF PROPELLER BRAKE OIL PASSAGE, OIL SEAL	D/H			10		10			79		79
258	START DRIVE SHAFT MAG SEAL - SPACER AND SNAP RING ADDED	D/H			10		10			79		79
268	MAIN DRIVE GEAR MOLYBDENUM PLASMA SPRAYED	D/D			10							HAM 105
273	OIL PUMP DRIVE GEAR - INC W/TH THICKNESS	D/H			10							79
275	MAIN OIL PRESS ADJ VALVE - REDES SHAFT	D/H			10							79
312	PRESSURE OIL FILTER ASSEMBLES FEATURING 15 MICRON FILTER ELEMENT	D/D					10			79		79

FORM N°: 3AR-13
 SHEET: 1 OF 2
 ISSUE: 16 17/12/97

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W/O N°: 401-600-3815
 UNIT S/N: #4026526

HUNTING AIRMOTIVE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - REDUCTION GEARBOX

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			NA	NOT END	FOUND END	FOUND (PART) END	TO BE END	EMTS (PART)	EMTS BY REPLY	DEL.	FINAL IND.
313	ALTERNATOR AND HYDRAULIC PUMP DRIVE SHAFTS - CASE HARDENING ADDED TO EXTERNAL SPINES	DH			10		10		79		79
337	INTRODUCTION OF A CORROSION/ABRASION PROTECTION TREATMENT ON REDUCTION GEARBOX HOUSINGS AND DIAPHRAGM ASSEMBLY	DH		10							79
TECH NOTE 260	MAIN DRIVE GEAR - SERVICEABILITY CRITERIA SATS			10							

EX-MOD-AIRCRAFT.COM

W/O N°: 401-000-3819
 UNIT S/N°: AGO26826

HUNTING AIRMOTIVE
 MOD T96-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - R08 BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			MM	NOT ENG	FOUND ENG	FRONT PART ENG	TO RE ENG	EMBO PARTS	EMBO BY REPLY	DEL	FINAL REP
81	TACHO DRIVE BRGS - STEEL SEPARATORS	D4			100						100
104	LOCK POWER THAIN BRGS & REAR PIN BRG OIL JET. ALSO SEE FORM AAR-13	B10			HAM 109						NO
157	FRONT & REAR PIN BRGS - MATERIAL CHANGE	C4			HAM 109						HAM 100
230	PLANET GEAR SEPARATORS - MATERIAL CHANGE	D4			HAM 109						HAM 109
254	MAIN DRIVE GEAR BRG - MATERIAL CHANGE	D4			HAM 109						HAM 100
271	MOD TACHO DRIVE AND IDLER SHAFT BRGS	PT 1C4 PT 2D4			HAM 109						HAM 109
272	MOD HYD PUMP ALT AND STARTER SHAFT BRG	D4			HAM 109						EMBO 100
TECH NOTE 260	MAIN DRIVE GEAR - SERVICEABILITY CRITERIA SAYS/ACTELY				100						HAM 109

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Reduction Gearbox Module Mark T56-A15 Serial No AGO26826. has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 401 000 3815

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

* construction
* reconditioning
* repair

Modifications Embodied:

312.

Modifications Removed:

Nil.

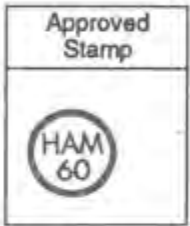
Technical Instructions Fulfilled:

Tech. Note 260 satisfied.

Date 20-04-98 Signed _____
At Unit/Works Hunting Aviation Ltd.

* Service
* Contractor

Authorized Signatory



* as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Torquemeter Module. Mark T56-A15 Serial No A12644. has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No SMC22B2/212 Job No 505-163 (20-5796)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired @ 7245.00 Hrs. T.S.O. * construction
* reconditioning
* repair

Modifications Embodied:

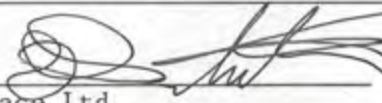
NIL.

Modifications Removed:

NIL.

Technical Instructions Fulfilled:

NIL.

Date 07-07-2000. Signed  *Service Contractor Authorized Signatory
At Sigma Aerospace Ltd.



* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 75
(Revised Dec 86)

Certified that Torquemeter Module Mark T56-A15 Serial No A12644 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A42a/739 Job No 401 000 5009

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

* Engine / ECU Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Module Not Tested

construction
 reconditioning
 repair

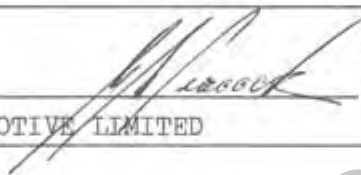
Modifications Embodied: Nil

Modifications Removed: Nil

Technical Instructions Fulfilled: Nil

Date 14/11/88

Signed _____



~~Service~~

* Contractor

Authorized Signatory

At Unit / Works FIELD AIRMOTIVE LIMITED

* Delete as necessary

Approved Stamp



(NOTE: Continue overleaf if necessary)

Date	Unit	Work/Task No.	Comp Life Consumed	Work Details
23-7-93	LYN	0277XV215 180593	NIL	O/H ST468A c/o ROTOK CLK.
13-12-96	LYN	0277XV215 180593	NIL	O/H ST468A/517, ROTOK CLK
7-4-00	LYN	2121 XV195 210300	NIL	O.H. Carried over: Using UNBRKO BOSS.
16-7-00	LYN	0277XV214 14002	NIL	Rotok - Carried over: O.H. c/o Using UNBRKO BOSS
19-11-03	LYN	0224XV307 221003	NIL	Bay Service c/o Using NAW (Sub Simi:- BEARINGS REVEALS)
22/7/08	KAL		NIL	REPAIRED, MAINTAINED

Component Record Card

MOD Form 735A
(Revised Feb 87)

Card Serial No. _____ of _____

HPL 606520 588 02

1	GENERATOR	Authorized Life	2000 Hrs
---	-----------	-----------------	----------

2	SER R 3A3180773	Transfer and Installation Details
---	-----------------	-----------------------------------

Date	Unit From	Unit to/ Installed in/ Removed from	Q HRS Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Part	Component Total	
	LYN	FIT Q 035	16479	\	NIL	
14-6-91	M.A.	REN Q 035	18235	1756	1756	0077 XV 215 18 05 93
10-9-93	LYN	Q 133	16357	-	NIL	FITTED XV181 3102 XV181 100713 N43
3-12-96	LYN	REN Q133	18040	1683	1683	3452 XV 183 031296
4-2-97	LYNEHAM	Q253 FIT	19318 20187	-	NIL	6113 XV195 040297
24-3-00	LYN	REN Q253	21236	1918	1918	2121 XV 195 210300
21-6-00	LYN	FIT Q120	20640	-	NIL	3670 XV 214 070600
17-4-02	LYN	REN Q120	21843 ³⁰	1203 ³⁰	1203 ³⁰	0357 XV 214 14 0402
19-10-02	LYNEHAM	FIT Q232	23487 ³⁵		NIL	3427 XV 307 281002
24/10/03	MA	REN Q232	24569 ¹⁵	1081 ⁴⁰	1081 ⁴⁰	0224 XV 307 221003
21/02/04	MA	FIT Q034	22388 ⁴⁵	-	NIL 1081 ⁴⁰	0080 XV 196 041003
21-6-08	MA	REN Q034	24313 ⁴⁰	1924 ⁵⁵	1924 ⁵⁵	3623 XV196 050608
14-12-10	LYN	FIT Q232	27490 ²⁵	-	0	6312 XV 200 301110

3 Modifications				4 STI's		5 Servicing Instructions (Initial Application)			
Mod No	Date/Reference	Mod No	Date/Reference	STI No	Date/Reference	SI No	Date/Reference	SI No	Date/Reference
MTA 170 MTA 176	29 AUG 1999								



6 Service Mods		7 Miscellaneous Instructions							
Mod No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference

8 Items Fitted Subject to a Fatigue Life									
Serial No	Item		Authorized Life	Life Consumed at Fitment			Life Consumed at Removal		
	Description			Date	Component	Item	Date	Component	Item

9 Section	Reference	Description	Serial No	Installed In	Limiting Item	Due Removal
2995	9851355	ATS	P8241			

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Date	Unit	Job No	Comp Life Consumed	Work Details
11.1.90	MTL	AE110/53	969 hrs Acc	RECONDITIONED DIR 2183 Refers. M.T.L.Q.C.2
25.10.90	MTL	AE110/53	1052 hrs	RECONDITIONED DIR 2458 Refers. M.T.L.Q.C.2
20/8/92	LYNEHAM	2042	98 HRS	BAY SERVICED
26/11/93	LYN	2651	1898 HRS	BAY SERVICED SATIS
14/09/95	LYNEHAM	2991	2818 HRS	BAY SERVICED SATIS

Component Record Card

MOD Form 735A
(Revised Sep 86)

Card Serial No _____ of _____

1	Air Turbine Starter	Authorized Life	6000 HRS.	RECON
			1000 HR	BAY SERV

2 SER N° P 8241 Transfer and Installation Details

Date	Unit From	Unit to/ Installed in/ Removed from	Q HRS Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Component		
				Part	Total	
23/02/88	F.A.S.(C) Ltd.	Lyneham	-	-	Nil	640/363406 Reconditioned.
26.5.88	M.C.E	Q140	13570	NIL	NIL	0176XV187.16.5.88 FITTED
23.6.89	LYE	REM Q 140	14539	969	969	1452 XV 187 230689
11.1.90	MTL	-	-	-	NIL	RECONDITIONED M.T.L.Q.C.2
26.3.90	LYNEHAM	FIT Q 227	13913	-	NIL	4075 XV 200 260390.
5-6-90	LYN	REM Q 227	13796	83	83	4298 XV 200 050690
25.10.90	MTL	-	-	-	NIL	RECONDITIONED M.T.L.Q.C.2
6.11.90	LYNEHAM	FIT Q 010	9208	-	NIL	5108XV212051190
27.11.91	LYN	Q 127	15891	-	NIL	FITTED
18.08.92	LYN	Q 127 ²¹⁸	16880	989	989	REM. 1436 XV 218 18.08.92
29.9.92	LYN	xv19213 Q230	16921	-	989	0691XV192200992 FIT.
10.11.93	LYN	REM Q 230	17830	909	1898	1802 XV 192 101193
11.3.94	LYN	FIT Q 246	10258	-	1898	1344 XV 179 110394
21.08.95	LYN	REM. Q 246	11178	920	2818	2991 XV 179 210895

Inspection, Test and Modification Certificate

MOD FORM 753
(Revised Dec 86)

Certified that AIR TURBINE STARTER Mark ATS100-203 383198-1-4 Serial No P8241 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMRAF12/1160 Job No R07519

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU* Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied:
MTA170,176

Modifications Removed:
NIL

Technical Instructions Fulfilled:
NIL

Date 29/08/99 Signed [Signature] * Service * Contractor } Authorised Signatory



Unit/Works MICROTURBO LTD
Delete as necessary (NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that AIR TURBINE STARTER Mark ATS100-203 Serial No. P8241 has been inspected and tested and is fit for service Complete engine overhaul has been carried out in accordance with the current instructions.

Contract No AE11B/53 Job No 5745/JM

Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.

Engine / ECU Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during * ~~contractor~~
* ~~reconditioning~~
* ~~repair~~

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 25.10.90

Signed 

MICROTURBO LIMITED

~~ENGINEER~~

* Contractor

Authorized Signatory

Approved Stamp



(NOTE: Continue overleaf if necessary).

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

certified that AIR TURBINE STARTER Mark AT5100-203 383198-1-4 Serial No P-8241 has been inspected and tested and is fit for service. *Example: This component has been inspected, tested and repaired in accordance with the following instructions.

*Contract No AE11B/53 Job No 5745/EM

total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.

engine / ECU Weight N/A C. of G. Position N/A

type of modifications embodied or removed and special technical instructions and other orders fulfilled during:

- * construction
- * reconditioning
- * repair

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 11.1.90 Signed [Signature]
Contractor / Works MICROTURBO LIMITED
as necessary

* ~~Signature~~
* Contractor } Authorized Signatory



(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFTS.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Air Turbine Starter Mark ATS 100-203 Serial No P8241 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A42A/784 Job No 502 000 0114

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

Engine / ECU Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

*construction:
*reconditioning
*repair

Modifications Embodied: Nil

Modifications Removed: Nil

Technical Instructions Fulfilled: Nil

Approved Stamp


Date 23/02/88 Signed _____ *Service * Contractor } Authorized Signatory

At Unit / Works FIELD AIRCRAFT SERVICES (CROYDON) LTD.

Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFTS.COM

SERVICEABLE - Equipment Conditioning Label

Ship/Station/Unit/Contractor (Where made Serviceable) LY SEAT BAY		Work No 3610	Aircraft No LYBAY	Day 09	Mth 10	Yr 09	SERVICEABLE
NATO Stock No / Sect & Ref No* 2995 00-9851355							
Part No 383198-1-4							
Serial No P8241							
LITS Work Order No/ WRAM LCN/ WRAM EIAC 3610LYBAY091009							
LITS Equipment Type/ WRAM ALC STARTER2995-002							
		Life Data ERC Attached (Yes/No*) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No* ERC Form Number F73514 Authorised Life _____ Authority _____ Systems Revised _____		Total Usage Since New N/K Reconditioned _____ Installed _____		Life Remaining To / Date Due Bay Maintenance 10000025 Reconditioning 50000025 Finite Fatigue N/A	
		Tracked Asset <input type="checkbox"/> Yes / <input type="checkbox"/> No* Army <input type="checkbox"/> Yes / <input type="checkbox"/> No*		RN(WRAM) <input type="checkbox"/> Yes / <input type="checkbox"/> No* Qty 1 Quality Assurance Report/Incident Report/Calibration* <input type="checkbox"/> Yes / <input type="checkbox"/> No*			
		NSCM/CAGE 59364					
		Safety and Hazard Information					
		No OIL!					
		Is Part / Serial No* Different Yes / No*					
		Original Part No: _____					
		Original Serial No: _____					

Fold Here **SERVICEABLE**
Fold Here **SERVICEABLE**

Description STARTER; PNEUMATIC; AIR TURBINE	
Deficiencies	
Remarks OVERHAULED BY INDUSTRY SHERWOOD AVIONICS AND ACCESSORIES RELEASE R110342015 REFERS	

Significant Trackable Item (ST Item)(LITS RAF only)		PDF - 417 Bar Code / WRAM Data Information *	
ST Item <input checked="" type="checkbox"/> Yes	ESR Checked for Currency/Updated * Yes/No* MR		
Rank/Name	CONSTABLE		
Unit	RAF LYSEATBAY		

Condition and Safety Certificate			
The signature/stamp below certifies that the item is serviceable and that the relevant Safety Precautions / Inhibiting / Preservation actions have been taken.			
Condition	Rank & Name	Date	Signature/Stamp
SERVICEABLE			

* Delete as Appropriate

SERVICEABLE

SERVICEABLE

1. Approving National Aviation Authority / Country: FAA/United States	<h2 style="margin:0;">Authorized Release Certificate</h2> <p style="margin:0;">FAA Form 8130-3, Airworthiness Approval Tag</p>	3. Form/Tracking Number: R110342015
--	--	--

4. Organization Name and Address: <p style="margin:0; text-align: center;"> SHERWOOD AVIONICS AND ACCESSORIES, INC. 1951 NW 93RD AVE MIAMI, FL 33172 USA (OOWR599L) Phone: 305-477-2994 Fax: 305-477-3367 </p>	5. Work Order / Contract / Invoice Number: <p style="text-align: center; margin:0;">36671</p>
--	---

6. Item:	7. Description:	8. Part Number:	9. Eligibility*:	10. Quantity:	11. Serial/ Batch Number:	12. Status/Work:
1	STARTER, ENGINE	383198-1-4	N/A	1 ea.	P-8241	OVERHAULED

13. Remarks: **OVERHAULED i/a/w Manual No.: 2JA3-31-3 Rev. No.: 0 of 9/1/2005. Full details of work carried out per W/O as specified in Block 5. See Teardown / Inspection Form for additional information.**

A.D. S.B.: NO A.D. / S. B. REQUIRED A.T.A. #: N/A, MIL. T.O.

Sherwood A & A certifies that the work specified in block 12/13 was carried out I.A.W. EASA part 145 approval and, with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4866.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 <small>Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.</small>
--	---

15. Authorized Signature: <p style="text-align: center;">Not Applicable</p>	16. Approval/Authorization No.: <p style="text-align: center;">Not Applicable</p>	20. Authorized Signature: 	21. Approval/Certificate No.: <p style="text-align: center;">OOWR599L</p>
17. Name (Typed or Printed): <p style="text-align: center;">Not Applicable</p>	22. Name (Typed or Printed): <p style="text-align: center;">ERNESTO A. LOPEZ</p>	23. Date (m/d/y): <p style="text-align: center;">Sep/28/2009</p>	

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain and installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Inspection, Test and Modification Certificate

MOD FORM 753

(Revised Dec 86)

Certified that 2" DIFF. PRESSURE REG. Mark APR23-16 392122-1-1 Serial No P1624 has been

inspected and tested and is fit for service. ~~*Complete anti-corrosion treatment has been carried out in accordance with the~~

current instructions. *Contract No. SMRAF12/1160 Job No. R50956

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU*Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 07/05/03 Signed *[Signature]*

- * Service
- * Contractor

Authorised Signatory

At Unit/Works MICROTURBO LTD

* Delete as necessary

Approved
Stamp
M.T.L. Q.C.4

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

Certified that 2" DIFF PRESS REGULATOR Mark APR23-16 392122-1-1 Serial No P1624 has been inspected and tested and is fit for service

*Contract No AE11B/53 Job No R01472

Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.

Engine / ECU Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

* maintenance
* modification
* repair

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL



Date 23.9.93 Signed [Signature] * Service * Contractor } Authorized Signatory

At / Works MICROTURBO LIMITED

* Delete as necessary

(NOTE: Continue overleaf if necessary).

EX-100-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that 2" DIFF PRESS REGULATOR Mark 392122-1-1 Serial No P1624 has been inspected and tested and is fit for service ~~*Completed in accordance with the current instructions~~

APR23-16

*Contract No AE11B/53

Job No RC0820

Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.

Engine / ECU Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during ~~*reconditioning~~

Modifications Embodied:

FAS 14

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Approved Stamp



Date 15.2.93

Signed [Signature]

~~* Signature~~

* Contractor

Authorized Signatory

At ~~works~~ / Works MICROTURBO LIMITED

* Delete as necessary

(NOTE: Continue overleaf if necessary).

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that 2" DIFF. PRESS. REGULATOR Mark APR23-16 Serial No P1624 has been inspected and tested, and is fit for service.

* Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A42A/620 *Job No 5250646

Total time *flown/run at Contractor's Works or Maintenance Unit hours.

*Engine/E.C.U. Weight C. of G. Position

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

MODIFICATIONS EMBODIED:

Nil

MODIFICATIONS REMOVED

Nil

2" DIFF. PRESS. REGULATOR reconditioned I.A.W. T.O. 9P10-4-9-3 dated 1/3/68 change dated 1/3/79. Inspection Report DV 5250646 Refers.

5000 Hours Life.

EASED.

Trade Pack.

TECHNICAL INSTRUCTIONS FULFILLED:

Date 5/5/83 Signed  Quality Assurance Authority

At FIELD AIRCRAFT SERVICES(CROYDON)LTD. CROYDON AIRPORT, SURREY

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).



Date	Unit	Job No	Comp. Life Consumed	Work Details
24-3-87	LYNEHAM	LIFE EXT TO 6,000 HRS		AUTH:- HQSTL 24N/2460/1.514 12-Nov-86
15-7-93	MTL	1100820	3700 HM	RECONDITIONED DIR 3276 REPAIR
23-9-94	MTL	1101472	3772 HM	TESTED ONLY
18-2-2	Lyn	2568	3399 HRS	INOP (STUCK) - Rept 274
7-5-03	MICROTURBO	R50956	7099.5 HRS	DIR 9470 M.T.L.Q.C.4

MTL QCB
MTL QCB

Card Serial No of

COMPONENT RECORD CARD

MOD Form 735A
(Revised Feb 80)

1 2" DIFF. PRESS. REGULATOR APR23-16 AUTHORIZED LIFE ~~6000~~ HOURS 5000 HRS RECONDITIONED

2 Ser. N° P1624 TRANSFER AND INSTALLATION DETAILS

Date	Unit From	Unit to/ Installed In/ Removed From	Q HRS Support Installation	Life Consumed of		Authority for Transfer/ Reason for Removal
				Part	Total	
	F.A.S. CROYDON	LYNEHAM			NIL	A42A/620
25-6-85	LYNEHAM	Q160	11707		NIL	640/495498
15-11-90	LYNEHAM	Q098	17102	-	2212	ATTED
10-10-92	LYNEHAM	REM Q098 ^{XV191}	18590	1488	3700	3163 XV191 10-10-92
15-2-93	MTL			NIL	NIL	(RECONDITIONED) M.T.L.Q.C.B
19-3-93	LUN	FIT Q096	16660/16827	NIL	NIL	342 XV176 19-03-93
29-03-93	LYN	REM Q096	16899	72	72	1779 XV176 29-03-93
23-9-93	MTL			NIL	72	TESTED M.T.L.Q.C.B
21-12-94	LYNEHAM	FIT Q035	19242	NIL	72	1197 XV2150 12-74
29-1-02	LUN	REM Q035	22539 ⁵⁰	3327 ⁵⁰	3399 ⁵⁰	3988 XV196 21-02-02
7-5-03	MICROTURBO			NIL	NIL	RECONDITIONED M.T.L.Q.C.4
11-5-03	LUN	FIT Q232	24182 ⁵⁵		624 ⁵⁵	3924 XV307 09-05-03

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark Serial No 196644BR has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 690-422

Total time flown/run* at Contractor's Works or Maintenance Unit hours.
Engine/ECU* Weight C. of G. Position

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

* construction
* reconditioning
* repair

Modifications Embodied: Nil.

Modifications found embodied: 13, 235, 260 & 362 part A.

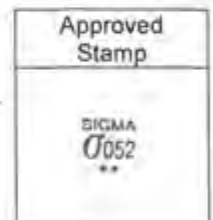
Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Date 01/07/04 Signed 

At Unit/Works Sigma Aerospace Ltd

* Service } Authorized Signatory
* Contractor }



Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Component Record Card

MOD Form 735A
(Revised Feb 87)

1971 842520 1/88 0204

Card Serial No. _____ of _____

1	FUEL CONTROL UNIT	Authorized Life	ON CONDITION
---	-------------------	-----------------	--------------

2 See # 196644 BR Transfer and Installation Details

Date	Unit From	Unit to/ Installed in/ Removed from	G. HRS Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Part	Component Total	
1/03/89	F.A.LTD	LYNEHAM	-	-	NIL	640/568017 RECONDITIONED.
2/05/89	LYNEHAM	Q 257 (XV220 ³)	14567	-	NIL	2798XV220200589 F.T
14 Oct 91	LYN	Q257	16152	-	1585	REMOVED
31-07-92	FIELD AIRBORNE	LYNEHAM	-	-	1585	REPAIRED AE11B/87 417/1345
27.10.92	LYN	Q 006	16881	-	1585	FITTED
6 Oct 93	LYN	Q 006	17658	-	2362	Removed.
31-08-94	HUNTING	LYNEHAM	-	-	2362	640/766198M - REPAIRED
28-10-94	LYNEHAM	Q 158	19110	-	2362	FITTED (5105XV209270994)
30-10-02	LYN	REM Q 158	25655 ¹⁰⁵	6545 ²⁵	8907.05	3868 XV299101002

g	Section	Reference	Description	Serial No.	Installed In	Limiting Item	Due Removal
		6893609	FUEL CONTROL UNIT	196644BR			

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit, Mark _____ Serial No 196644BR has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 417 000 1416

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired at 2362:00 HRS. T.S.O.

CORROSION
 XRAY/FLUORO
 repair

Modifications Embodied: NIL.

FOR SHOP FLOOR INFORMATION

Modifications found Embodied: 13, 235, 260, 329.

Modifications Removed: NIL.

Technical instructions Fulfilled: NIL.



Date 31.08.94. Signed [Signature] * SIGNED * Contractor } Authorized Signatory

At Unit/Works Hunting Aviation & Aircraft Eng. Div.

* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that PROPELLER 1610-00-7835191 Mark 54H60-91 Serial No MFG232206 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No 7144135 Job No 2948B

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during construction reconditioning repair

Modifications Embodied: BRIT MOD(S): 4

RECONDITIONED TO T.O. 3H1-18-3.

FITTED WITH PITCHLOCK 767999-1 S/NO. PSD2628.

PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

SI 48 & STI 67 SATISFIED.

SB 65, 88, 100, 127, 132, 138, 143, 146, 147 & 150 SATISFIED.

Approved Stamp

DAP R&O
26

Date 03/06/2009

Signed 

* Service- Authorized Signatory
* Contractor

At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that PUMP HOUSING 1610-00-0058685 Mark 733872-2 Serial No SE16014 has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No 7144135 Job No 1028B

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input checked="" type="checkbox"/> construction
<input checked="" type="checkbox"/> reconditioning
<input checked="" type="checkbox"/> repair

Modifications Embodied:

RECONDITIONED TO T.O. 3HA2-7-3.
ASSEMBLED AND TESTED WITH VALVE HOUSING 714325-5 S/NO. C6042.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

SB 131 SATISFIED.

Date 17/07/2008 Signed  * ~~Service~~ Authorized Signatory

At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL * ~~Contractor~~



* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

PPQ = 100
has been

Certified that QEC Mark _____ Serial No Q090

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No C130K/2101 Job No _____

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<ul style="list-style-type: none">• construction• reconditioning• repair
--

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled: SI/ALLISON T-56/10.

Approved
Stamp

MA
22
Q.D.

27 JUL 2006 Signed



* Service
* Contractor Authorized Signatory

.ks MARSHALL OF CAMBRIDGE AEROSPACE LTD, THE AIRPORT, CAMBRIDGE, CB5 8RX.

.e as necessary

(NOTE: Continue overleaf if neces.

Card Serial No. 1 of ---

MOD Form 750
(Revised Jun 77)

MODULAR ENGINE CHANGE UNIT RECORD CARD

1 PEC UNIT AUTHORIZED LIFE

0090

2 **TRANSFER AND INSTALLATION DETAILS**

Date	Unit From	Unit To/ Installed In/ Removed From	Life Consumed of			Authority For Transfer/ Reason For Removal
			Support Installation	ECU		
			Part	Total		
3-8-77	LYN	XV 301/4	7216	-	6432	FIT
1-10-82	LYN	XV 301/4	10023	2884	9739	REMOVED
11-11-82	LYN	XV 221/2	10536	-	9739	FITTED
8-8-83	LYN	XV 221/2	11214	678	10417	REMOVED
24-7-86	LYN	XV 176/4	13354	-	10417	FITTED
17-5-88	-	XV 176/4	14633	1274	11691	REM 420RXV176/70238
15-6-88	-	XV 182/1	15600	-	11691	FIT 1821XV182/50688
14-7-89	LYE	XV 182/1	16639	1039	12730	TA CXD 2399XV182/40789
30-1-90	LYN	XV 182/1	16960	321	13051	REM 3448XV182/30190
9-5-90	LYN	XV 294/1	15783	-	13051	FIT 2277XV294/090590
01-11-92	LYN	XV 294/1	19796	1013	-	REBOX EIE
01-11-94	LYN	XV 294/1	19528	3769	16796	REBOX 1523 XV 294 01494
19-07-95	LYN	XV 294/1	19975	447	17243	REM. 8201 XV 294 190795
20-10-95	LYN	XV 302/4	20770	-	17243	FIT 2132XV302/201085
1-4-96	LYN	XV 302/4	21209	439	17682	REM 3118XV302/040496
11-7-96	LYN	XV 217/3	22543	-	17682	FIT 0575XV217/110996
12-1-98	LYN	XV 217/3	23722	1179	18861	REM 1848 XV 217/090198
11-2-98	LYN	XV 202/4	22410	-	18861	FIT 3276XV 202/040298
23-7-99	MARSHALL AERO	XV 202/4	23977	1567	20428	REM. 0057XV 202/020699
31-7-99	MARSHALL AERO	XV 202/4	23977	1567	20428	FIT. 0057XV 202/020699

Continued on Form No. --- Serial No. ---

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that COMPRESSOR COMBUSTION Mark T56-A-51 Serial No AE106390 has been

Inspected and tested and is fit for service. *Complete anti-corrossion treatment has been carried out in accordance with the
current instructions. *Contract No SMC22B2/212 Job No 690-879

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

RECONDITIONED I.A.W.ITEM 1,AND 2B T.S.O. 00.00 Hours

- * construction
- * reconditioning
- * repair

Modifications Embodied:

159, 189, 259, 309, 333, AND 369

Modifications Removed:

136

Technical Instructions Fulfilled:

RECONDITIONED AND TESTED I.A.W. T.O.2J-T56-53 & CUSTOMERS SPECIFICATIONS

Approved
Stamp

Date 31/01/05

Signed



* Service
* Contractor

Authorized Signatory



At Unit/Works Sigma Aerospace Ltd

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE106390 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the

current instructions. *Contract No AE11B/87 Job No 401 000 1646

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input checked="" type="checkbox"/> construction
<input checked="" type="checkbox"/> reconditioning
<input checked="" type="checkbox"/> repair

Modifications Embodied:

130 (1off), 302 (1off), 308 (8off).

Modifications Removed:

Nil

Technical Instructions Fulfilled:

STI T56/15.

Approved
Stamp

Date 29-09-95 Signed [Signature]

Service
 Contractor } Authorized Signatory

At Unit/Works Hunting Aviation A.E.D. Ltd.

ASCI
119

* Delete as necessary

(NOTE: Continue overleaf if necessary)

W/O N°: 690-879
 UNIT S/N°: AE 106390

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CCM FINAL BUILD STANDARD

MOD N°	Description	CAT	INSPECTION STANDARD				BUILD STANDARD				
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DEL.	FIN INZ
4	Filter check valve longer pilot assembly	D10									
10	T.D.V. bracket of bolted construction	C3									
11	Sec lab seal isolator and diff assy oilway	C3									
33	Accessory drive shaft oil baffle	C3									
77	Scavenge filter screen in diffuser section	C10									
78	Modified diffuser screen bracket	C10									
79	Comp. Sec lab. Seal - interface contact	D4									
86	Pressure regulating valve - rubber	B3									
106	Stainless steel IGV assembly	D4									
112	Modified diffuser scavenge tube	C4									
113	inner exhaust cone nut	C3									
120	Modified comb. Liner crossover ferrules	D4									
123	Comp vent air- oil to main engine vent sys	B2									
127	Inlet housing - strut (ie with burse 'n')	C4									
136	Bleed collector spacer baffle	C10									
136	Modified diffuser with oil baffle fitted	D4									
140	Removable oil jet lips	D10									
159	Oil pump drive with vilon seals	D4									
180	Oil press reg valve - reduced spring length	C4									
227	Comb liner thermocouple groms with lead-in	D4									
259	Scav pump to sec drive hag - mod seal	B2									
278	SSV drive gear - mod full length gear	D4									

W/O N°: 690-879
 UNIT S/N°: AE 106390

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR ROTOR/CASING SUB ASSEMBLY



MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			OK	NOT ENG	FOUND ENG	FOUND (PART) ENG	TO BE ENG	ENG (PART)	ENRTE	DEL	FINAL ENG
12	1ST STAGE VANE ASSEMBLY WITH TIE BAR	D/0			0001	0001	0001	0001	0001	0001	0001
83	COMP CASING SPLITLINE BOLTS - SERMETAL "W"	C/4			0001	0001	0001	0001	0001	0001	0001
85	COMP VANES - ALUMINIUM AIRSEALS	D/4			0001	0001	0001	0001	0001	0001	0001
122	COMP ROTOR 1ST-2ND STG RELATIONSHIP	C/4			0001	0001	0001	0001	0001	0001	0001
125	14TH STG WHEEL - MATERIAL CHANGE	D/4			0001						0001
131	COMP CASING SERMETAL "W" COATING	C/4			0001	0001	0001	0001	0001	0001	0001
133	2ND-3RD COMP VANES - CHANGE DF ADHESIVE	D/4			0001	0001	0001	0001	0001	0001	0001
231	COMP BLEED MANIFOLD ASSY ALSEAL 500 COATED	D/4		0001							0001
308	COMP WHEELS STAGES 2 TO 14 WITH SERMETAL 2241 COATING	D/0			0001	0001	0001	0001	0001	0001	0001
309	SHOT PEENED STAGE 1 COMP WHEEL	C/0				0001	0001	0001	0001	0001	0001
333	1st STAGE COMP WHEEL FEATURING AL-1 ANTI-CORROSION PROTECTION COATING	D/0				0001	0001	0001	0001	0001	0001
368	14 th STAGE COMP WHEEL - SILVER/INDIUM PLATING REMOVAL (REF. CEB 72-1575)	C/3				0001	0001	0001	0001	0001	0001

— * SERVICEABLE/REPAIRABLE PRE MOD 308 COMPRESSOR WHEELS (IN NICKEL/CAD AND ELECTROLESS NICKEL PLATED) SHOULD CONTINUE TO BE REFITTED FOR FURTHER ENGINE RUNNING AS PER CURRENT STANDARD PRACTICE.

— * BRIT. MOD 333 - NEW AND SERVICE RUN WHEELS TO BE MODIFIED.

— * BRIT. MOD 308 - C AS REQUIRED AT REPAIR AND RECONDITION (ONLY UNUSED STOCK TO BE MODIFIED).



FORM N°: AAC-31C
 SHEET 1 OF 1
 ISSUE 14 05/04/01

EX-MOD AIRCRAFT.COM

W/O N°: 690-875
 UNIT S/N°: AE 106390

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - CCM BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			OK	NOT OK	FOUND OK	FOUND (PART) OK	TO BE OK	EMIS (PART)	EMIS	DEC.	FINAL INDR
5	FRONT BEARING - STEEL SEPARATOR	D40			SIGMA Ø130 **		SIGMA Ø130 **		SIGMA Ø130 **		SIGMA Ø130 **
156	FRONT MAIN BRG - CHANGE OF MATERIAL	D4			SIGMA Ø130 **		SIGMA Ø130 **		SIGMA Ø130 **		SIGMA Ø130 **
189	ACC DRIVE SHAFT BRG SEPARATOR - MATERIAL CHANGE	D4			SIGMA Ø130 **		SIGMA Ø130 **		SIGMA Ø130 **		SIGMA Ø130 **
229	EXTENSION SHAFT BRG - MATERIAL CHANGE	D4			SIGMA Ø130 **						SIGMA Ø130 **

EX-MOD-AIRCRAFT.COM

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR COMBUSTION ASSEMBLY

SERIAL NO: AE 106390. WORKS ORDER No: 407 000 1646

MOD NO	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			PLA	PUT END	PLATE END	FRONT PLATE END	TOP OR END	AMP-1 (PART)	AMP-2	REL.	FINAL DEF	
9	FILTER CHECK VALVE LARGER PISTON ASSEMBLY	D/0			120		120					113
10	T.D.V. BRACKET OF BOLTED CONSTRUCTION	C/3			120							79
11	SEC LAB SEAL STATOR AND DIFF ASSY OILWAY	C/3			120							79
31	INTRODUCTION OF THERMO MAG- NETIC FLOWS	B/2			120							79
32	ACCESSORY DRIVE SHAFT OIL BAFFLE	C/0			120							79
77	SCAVENGE FILTER SCREEN IN DIFFUSER SECTION	C/0			120							79
78	MODIFIED DIFFUSER SCREEN BRACKET	C/0			120							79
79	COMP. SEC LAB. SEAL - INTERFACE CONTACT	D/4			120							79
86	PRESSURE REGULATING VALVE - SCHEER	B/3			120		120		79			79
106	STAINLESS STEEL IOV ASSEM- BLY	D/4			120							79
112	MODIFIED DIFFUSER SCAVENGE TUBE	C/4			120							79
113	INNER EXHAUST CONE NUT	C/3			120		120		79			79
120	MODIFIED COMP. LINER CROSSOVER FERRULES	D/4			120		120		79			79
123	COMP VENT AIR-OIL TO MAIN ENGINE VENT SYS	B/2			120							79
127	INLET HOUSING - STRUT L/R WITH BUNA 'N'	C/4			120		120					79
130	BLEED COLLECTOR SPACER BAFFLE	C/0			120		120		79			79
136	MODIFIED DIFFUSER WITH OIL BAFFLE FITTED	D/4			120							79
140	REMOVABLE HEL JET TIPS	D/0			120							79

* Over B.H. 312

FORM No: A-A-C-21
 SHEET: 1 OF 2
 ISSUE: 13 5/7/74

HUNTING AVIATION LTD

SERIAL NO: AE 106590

WORKS ORDER NO: 2101 106590

MOD #	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			WA	NO. 246	FROM ENG	FROM PARTS BOX	TO NO. 246	ENGRS (247)	ENGRS	INL	SMALL SHIP
159	OIL PUMP DRIVE WITH VITON SEALS	D/4			120		120				118
180	OIL PRESS REL VALVE - REDUCED SPRING LENGTH	C/4			120		120	79			79
227	CMS LINES THERMOCOUPLE GROMS WITH LEAD-IN	D/4			120		120	79			79
259	SUNV PUMP TO ACC DRIVE HSG - MOD SEAL	B/2			120		120				115
278	SSV DRIVE GEAR - MOD FULL LENGTH GEAR	D/4		120							79
283	NECESSARY STAINLESS STEEL OIL UNION WITH INCREASED THREAD DIAMETER AND THREAD ENGAGEMENT TORQUED INTO HOUSING AT 150-200 LB. INCH.	EX/0			120						79
292	REDESIGNED AIR LINE FITTING ELBOW.	D/4		120							115
303	IMPROVED C.I.T. PROBE.	EX/3 WITH MOD 106, CX/3 WITHOUT MOD 106.					120	79			79
312	PRESSURE OIL FILTERS ASSEMBLIES FEATURING 15 MICRON FILTER ELEMENTS.	CX/3		119			120	79			79
322	MODIFIED CHIP DETECTOR FEATURING A LARGER KNURLED HEAD.	C/2			120		120	79			79
326	ENGINE SPRAY SHIELD BRACKET KIT.	C/4			120		120	79			79
571 756/15	P77 REDUCER ELBOW SEAL FITMENT PART NO AS 3085-010	MANDATORY					120				113

FORM NO: A-A-C-21
 SHEET: 2 OF 2
 ISSUE: 13 5/7/84

HUNTING AIRMOTIVE LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR COMBUSTION ANCILLARIES

SERIAL N^o: 86106390

WORKS ORDER N^o: 451 000 1641

MOD N ^o	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD					
			NO.	NOT SND	FOUND SND	FOUND PARTL SND	TOLER SND	EMTS PARTL	EMTS BY REPL.C	DEL.	FINAL SND		
7	10 MICRON FILTER COMPRESSOR AIR BLEED	B/3			32								
117	FILTER ASSEMBLY ADDED TO SCAVENGE OIL LINE	B/2											
132	FUEL NOSE FIRESLEEVING - MATERIAL CHANGE	PT1 D/4 PT2 B/2											
149	RE-ROUTED SSV EXIT HOSE (SEE SSV MOD 101)	B/2											
215	REVISED NOSE ASSEMBLY POWER SECTION TO SCAVENGE OIL FILTER	C/3											
279	A.C. IGNITER PLUG - TWO PIECE CONSTRUCTION	D/4											
304	INTRODUCTION OF FUEL HOSES WITH INTEGRAL FIRESLEEVES	D/4											
343	INTRODUCTION OF A NEW IGNITER ASSEMBLY TO PROVIDE IMPROVED SERVICE LIFE	C IN SETS 3 IN SETS NOTRAC											

FORM N^o : A-A-C-21A
 SHEET : 1 OF 1
 ISSUE : 7 24/3/94

EX-MOD-AIRCRAFT.COM

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 FUEL SYSTEM

SERIAL NO: AE 106590

WORKS ORDER NO: 481000148

MOD #	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NO	NO	NO	NO	NO	NO	NO	NO	NO	
13	FCU THERMO-CONTROL WITH INCONEL BELLOW	B/4				113						113
101	SEV OF SIMPLIFIED CONSTRUCTION	D/0										
184	SSC MODIFIED DRIVE CHAINING	B/2										
228	MODIFIED FUEL FILTER PRESSURE SWITCH	HALT/ 4ALT										
235	FCU BENDIX MOD CP.5032 NYLON SHIMMING BLOCK	C/3										
260	STRENGTHENED FCU THERMOSTAT CAPILLARY AND TUBES	D/4										113
267	DELETION FROM CO-ORDINATOR CONTROL ASSY (AT REPAIR AND RECTIFICATION ONLY) OF REDUNDANT 65 MICROSWITCH	CX/3				113						
225	MODIFIED TEMPERATURE DATUM VALVE INCORPORATING MULTIPLE DESIGN IMPROVEMENTS	S.O.S. FOR 3 SETS				113						
327	INTRODUCTION OF A RENOVATED THERMOSTAT PROBE USED ON AF-83 FUEL CONTROL UNIT	C/3				113						113

FORM NO : A-A-C-21B
 SHEET : 1 OF 1
 ISSUE : 7 5/7/94

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR ROTOR/CASING SUB ASSEMBLY

SERIAL N^o: AE 106390 WORKS ORDER N^o: 401-000-1046

MOD N ^o	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			NO.	INT. END	PLUG DATE	FRONT PLUG DATE	TO BE END	SHAW (DATE)	ENPS	PREL	FINAL DATE
12	1ST STAGE VANE ASSEMBLY WITH TIE BAR	D/D			120		120		79		79
63	COMP CASING SPLITLINE BOLTS - SERMETAL "H"	C/4			120		120		79		79
82	COMP VANES - ALUMINUM ALSEALS	D/4			120		120		79		79
122	COMP ROTOR 1ST-2ND STG RELATIONSHIP	C/4			120						79
125	14TH STG WHEEL - MATERIAL CHANGE	D/4			120		120		79		79
131	COMP CASING SERMETAL "H" COATING	C/4			120		120				
133	2ND-12G COMP VANES - CHANGE OF ADHESIVE	D/4			120		120		79		79
231	COMP BLEED MANIFOLD ASSY ALSEAL 500 COATED	D/4			120						79
308	COMP WHEELS STAGES 1 TO 14 WITH SERMETAL 2241 COATING	C/O **				120	120	120	79		79
309	SHOT PRESSED STAGE 1 COMP WHEEL	C/O ***			120						79
331 ⁶	1st STAGE COMP. WHEEL FEATURING AL-1 ANTI-CORROSION PROTECTION COATING.	D/O *					120				113

** = SERVICEABLE/REPAIRABLE PRE MOD. 308 COMPRESSOR WHEELS (i.e. NICKEL/CAD AND ELECTROLESS NICKEL PLATED) SHOULD CONTINUE TO BE REFITTED FOR FURTHER ENGINE RUNNING AS PER CURRENT STANDARD PRACTICE.

* = BRIT. MOD 331 - EXISTING NEW STOCK AND NEW SUPPLIES TO BE MODIFIED.

*** = BRIT. MOD 309 - C.A.S REQUIRED AT REPAIR AND RECONDITION (ONLY UNUSED STOCK TO BE MODIFIED).

* BR 333 NOT ENGAGED ACCEPTED C.A.S. (Per JTC) (Rn)

FORM N^o: A-A-C-21C
 SHEET: 1 OF 1
 ISSUE: 11 5/7/94

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR BEARINGS

SERIAL NO: AC06590 WORKS ORDER NO: 407 806 1046

BUD NO	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			PA	MT	FRNG	FRNG	TRNG	ENST	ENST	DEL	FINAL
				END	END	(PART)	END	(PART)			REP
5	FRONT BEARING - STEEL SEPARATOR	D/O				HAM 109					HAM 109
158	FRONT MAIN BRG - CHANGE OF MATERIAL	D/4				HAM 109					HAM 109
189	AOC DRIVE SHAFT BRG SEPARATOR - MATERIAL CHANGE	D/4				HAM 109					HAM 109
229	EXTENSION SHAFT BRG - MATERIAL CHANGE	D/4				HAM 109		HAM 109			HAM 109

FORM NO : A-A-C-21D
 SHEET : 1 OF 1
 ISSUE : 4 5/7/94

EX-MOD-AIRCRAFT.COM

SERVICEABLE - Equipment Conditioning Label

Ship/Station/Unit/Contractor (Where made Serviceable) LY PRF GTC BAY		Work No 2624	Aircraft No LYBAY	Day 08	Mth 02	Yr 11	SERVICEABLE
NATO Stock No / Sect & Ref No* 2840 01-0893950		Barcode 01-0893950		Life Data			
Part No 6873338		Barcode 6873338		ERC Attached Yes/No* 5000 HRS		ERC Form Number F735A	
Serial No TA177		Barcode TA177		Authorised Life 5000 HRS		Authority API00E OLB	
Description MODULE; ENGINE; TURBINE		LITS Equipment Type/ WRAM ALC		Total Usage Since New		Life Remaining To / Date-Due Bay Maintenance	
Barcode MDLE2840-011		Barcode MDLE2840-011		Reconditioned 1771.30 HRS		Reconditioning 3228.30 HRS	
LIS		Tracked Asset		Installed		Finite Fatigue	
Yes		Name of LIS: LITS		Qty		Quality Occurrence Report (OOR) / Incident Report (IR) / Calibration*	
73342		73342		No *			
Safety and Hazard Information							
HWC							
Is Part / Serial No* Different <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No*							
Original Part No: /							
Original Serial No: /							

Fold Here **SERVICEABLE** **SERVICEABLE** Fold Here

LIS Work Order No 2624LYBAY080211		Barcode 2624LYBAY080211	
Deficiencies			
Remarks STATOR PACK REPAIRED IAW TO-2J-T56-56. N.B. PIN FIN VANES FITTED TO FIRST STAGE STATORS			

Significant Trackable Item (STItem)(LITS RAF only)		PDF - 417 Bar Code / WRAM Data Information *	
STItem	Yes	ESR Checked for Currency/Updated * Yes / No*	
Rank/Name	M2 C YORK		
Unit	RAF LYNEHAM		

Condition and Safety Certificate			
The signature/stamp below certifies that the item is serviceable and that the relevant Safety Precautions / Inhibiting / Preservation actions have been taken.			
Condition	Rank & Name	Date	Signature/Stamp
SERVICEABLE	M2 C YORK	23 RD FEB 2011	

* Delete as Appropriate

SERVICEABLE

W/O N° 690-417
UNIT S/N° TA-177

SIGMA AEROSPACE
MOD T56-A-15 BRIT. MODS.
FINAL BUILD STANDARD
TURBINE ASSEMBLY

M.O.D.

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD				
			N/A	SHOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPLE	DEL	FINAL INSP
3	FRONT BEARING SEAL RING IN ONE PIECE	C/4			SIGMA Ø286 **		SIGMA Ø286 **		SIGMA Ø883 **		SIGMA Ø883 **
6	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D/0			SIGMA Ø897 **						SIGMA Ø897 **
8	REAR BEARING ONE PIECE OIL SEAL	D/0			SIGMA Ø292 **						SIGMA Ø883 **
25	COMBUSTION INNER CASING LINER 'O' RING	C/0			SIGMA Ø286 **	SIGMA Ø286 ** E.T.E.					SIGMA Ø883 **
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C/0			SIGMA Ø292 **		SIGMA Ø292 **	SIGMA Ø883 **			SIGMA Ø883 **
140	REMOVABLE OIL JET TIP	D/0				SIGMA Ø286 **					SIGMA Ø883 **
144	1ST STAGE WHEEL DESIGN CHANGES	D/4			SIGMA Ø292 **		SIGMA Ø292 **				SIGMA Ø882 **
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C/3			SIGMA Ø292 **		SIGMA Ø292 **	SIGMA Ø883 **			SIGMA Ø883 **
223	THICK WALL TURBINE VANE CASING	D/4			SIGMA Ø292 **						SIGMA Ø203 **
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED	D/4			SIGMA Ø292 **			SIGMA Ø883 **			SIGMA Ø883 **
270	ONE PIECE REAR BEARING OIL TUBE	D/4			SIGMA Ø292 **						SIGMA Ø883 **
290	REAR BEARING SUPPORT REPLACEMENT	D/4			SIGMA Ø292 **						SIGMA Ø883 **
370	1 st -2 nd STAGE SPACER - INSPECTION FOR PROPER HEAT TREATING (RE: CEB, A-72-1581)	C/2					SIGMA Ø292 **	SIGMA Ø882 **			SIGMA Ø882 **
C.O.I.L. 1520	INSPECTION OF 3 rd STAGE WHEEL FOR CRACKING				SIGMA Ø292 **						SIGMA Ø288 **

* REFER TOTAL BANG

SIGMA
Ø203
**

W/O N°: 690-417
 UNIT S/N°: TA-177

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CEB SHEET - TURBINE GUIDE VANES
 FINAL BUILD STANDARD
 TURBINE ASSEMBLY

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD					
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	WRFD (PART)	WRFD BY REPLC	DEL.	FINAL RES?	
124	1ST STAGE GUIDE VANES - CHANGE OF MATERIAL	SEE MOD238	SIGMA 0292 **									SIGMA 0083 **
178	1ST STAGE GUIDE VANE SADDLES - MATERIAL CHANGE	D/4			SIGMA 0292 **							SIGMA 0083 **
238	1ST STAGE GUIDE VANES - RESET OIL AEROFOIL	D IN SETS/ 4 IN SETS			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0083 **			SIGMA 0083 **
251	2ND STAGE VANE SEGMENTS - SOLID AEROFOIL	D/0			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0083 **			SIGMA 0083 **
307	1ST STAGE GUIDE VANES REPAIR SCHEME	D/4	SIGMA 0292 **	SIGMA 0292 **			SIGMA 0292 **		SIGMA 0083 **			SIGMA 0083 **
320	PART 1 - 1ST STAGE GUIDE VANES	D/4 IN SETS			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0083 **			SIGMA 0083 **
	PART 2 - 2ND STAGE GUIDE VANES	D/0 IN SETS			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0083 **			SIGMA 0083 **
	PART 5 - GUIDE VANE SADDLES	D/0 IN SETS			SIGMA 0292 **		SIGMA 0292 **		SIGMA 0083 **			SIGMA 0083 **

W/O N° 690-417
 UNIT S/N° TA-177

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS
 FINAL BUILD STANDARD
 TURBINE BLADES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPLIC	DEL.	FINAL INSP	
179	X X ✓ 1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/4				SIGMA 0079 **						SIGMA 0288 **
194	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/4		SIGMA 0071 **								SIGMA 0288 **
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/4		SIGMA 0079 **								SIGMA 0288 **
291	1ST STAGE ROTOR BLADES IN MAR-M246 REPLACING BLADES IN INCO 738 MATERIAL	C IN SETS/0			SIGMA 0079 **		SIGMA 0288 **					SIGMA 0288 **
320	PART 3 - 1ST STAGE ROTOR BLADES	D/O IN SETS		SIGMA 0079 **								SIGMA 0288 **
	PART 4 - 2ND STAGE ROTOR BLADES	D/O IN SETS			SIGMA 0079 **			SIGMA 0288 **				SIGMA 0288 **

EX-MOD-AIRCRAFT.COM

W/O N°: 690-417
 UNIT S/N°: T-177

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE ANCILLARIES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMBD (PART)	EMBD BY REPLC	DEL	FINAL INSP	
2	IMPROVED THERMOCOUPLE ASSEMBLY	SUP'D BY 245	SIGMA 0132 **									SIGMA 0132 **
14	THERMOCOUPLE ASSEMBLY - HASTELLOY CASTING	SUP'D BY 245	SIGMA 0132 **									SIGMA 0132 **
245	THERMOCOUPLE ASSEMBLY - DIMENSIONAL CHANGES	D14			SIGMA 0132 **							SIGMA 0132 **

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec: 86)

Certified that TURBINE MODULE Mark T56-A-15 Serial No TA177 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the

current instructions. *Contract No SMC22B2/212 Job No 690/417 (23 8222)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during [* construction
* reconditioning
* repair

Modifications Embodied: 253 (PART) & 370.

"RELEASED UNTESTED"

Modifications Removed: NIL

Technical Instructions Fulfilled: NIL

Approved
Stamp

SIGMA
0288
**

Date 13/08/03 Signed *B Marshall* [* Service
* Contractor] Authorized Signatory

At Unit/Works Sigma Aerospace Limited

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that TURBINE MODULE Mark T56-A-15 Serial No TA177 has been

Inspected and tested and is fit for service. *Complete anti-corrossion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 690/417 (23 8222)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during [* construction
* reconditioning
* repair

Modifications Embodied: 253 (PART) & 370.

"RELEASED UNTESTED"

Modifications Removed: NIL.

Technical Instructions Fulfilled: NIL.

Date 13/08/03 Signed *Marshall* [* Service
* Contractor] Authorized Signatory

At Unit/Works Sigma Aerospace Limited



* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that TURBINE MODULE Mark T56-A-15 Serial No TA177 has been

Inspected and tested and is fit for service. *Complete anti-corrossion treatment has been carried out in accordance with the

current instructions. *Contract No SMC22B2/212 Job No 690/417 (23 8222)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during [* construction
* reconditioning
* repair

Modifications Embodied: 253 (PART) & 370.

"RELEASED UNTESTED"

Modifications Removed: NIL

Technical Instructions Fulfilled: NIL

Approved
Stamp

SIGMA
0288
SA

Date 13/08/03

Signed

* Service
* Contractor

Authorized Signatory

At Unit/Works Sigma Aerospace Limited

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Turbine Module Mark T56-A15 Serial No TA177 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 401 000 4892

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during repair @ 1960:00 hrs. T.S.O. * construction
* reconditioning
* repair

Modifications Embodied:


238(part), 320pt.4.

Modifications Removed:

222, 307.

Technical Instructions Fulfilled:

Nil.

Date 08-08-96 Signed 
At Unit/Works ^{xxx} Hunting Aviation A.E.D. Ltd.

* Service Contractor } Authorized Signatory

Approved Stamp



* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Turbine Module Mark T56-A15 Serial No TA 177 has been inspected and tested and is fit for service *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE 11B/87 Job No 401-000-4307

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

* Engine / ECU Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

XXXXXXXXXXXX
* construction
* reconditioning
* repair

Modifications Embodied:

307- (6 off) 320 pt 1 (18 off).

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 01/05/91

Signed _____

* Service
* Contractor

Authorized Signatory

At Unit / Works Field Airmotive Ltd

* Delete as necessary

Approved
Stamp



(NOTE: Continue overleaf if necessary).

EX-MOD-AIRCRAFT.COM

W/O N°: 401-000-4892
UNIT S/N: TA177

HUNTING AVIATION LTD
MOD T56-A-15 BRIT - MODS.
FINAL BUILD STANDARD
TURBINE ASSEMBLY

REPAIR

MOD

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			ALL	NOT DONE	PLANNED	PLANNED	RE-DO	DEFECT	DEFECT	OK	PLANNED	
3	FRONT BEARING SEAL RING IN ONE PIECE	C/4			73		78		79		79	
6	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D/0			122						122	
6	REAR BEARING ONE PIECE OIL SEAL	D/0			120						79	
25	COMBUSTION INNER CASING LINER "O" RING	C/0			73						79	
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C/0			120		120		79		79	
124	1ST STAGE GUIDE VANE - CHANGE OF MATERIAL	SEE MOD 238	73									
140	REMOVABLE OIL JET TIP	D/0					73				79	
144	1ST STAGE WHEEL DESIGN CHANGES	D/4			53						79	
170	1ST STAGE GUIDE VANE SADDLES - MATERIAL CHANGE	D/4			120						79	
216	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C/3			73						79	
223	THICK WALL TURBINE VANE CASING	D/4	73								79	
238	1ST STAGE GUIDE VANES RESET OIL AEROFOIL	D IN SETS/ 4 IN SETS			120		94		79		79	
251	2ND STAGE VANE SEGMENTS - SOLID AEROFOIL	D/4			120		120		79		79	
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED	D/4			120						79	
270	ONE PIECE REAR BEARING OIL TUBE	D/4			120						79	
290	REAR BEARING SUPPORT REPLACEMENT	D/4			73						79	

FORMA N°: AAT-09
SHEET: 1 OF 2
ISSUE: 6

EX-MILITARY AIRCRAFT.COM

W/O N°: 401-000-4892
 UNIT/S/N°: TA177

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE ASSEMBLY

MOD

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			NO	BY DATE	FOUND DATE	FOUND PARTS DATE	TO BE DATE	DATE BY PART	DATE BY REPLY	DATE	FINAL DATE
307	1ST STAGE GUIDE VANES REPAIR SCHEME	C14				120				79	79
320	PART 1 - 1ST STAGE GUIDE VANES	D/4 IN SETS				120				79	79
	PART 2 - 2ND STAGE GUIDE VANES	D/0 IN SETS			120					79	79
	PART 5 - GUIDE VANE SADDLES	D/0 IN SETS			120					79	79

FORM N°: AAT-09
 SHEET: 2 OF 2
 ISSUE: 0

EX-MOD-AIRCRAFT.COM

N/O N°: 401-000-4892
 INT S/N°: TA177

HUNTING AVIATION LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE BLADES

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			HA	NOT ENG	ADMS ENG	FORMS PARTS ENG	TELE ENG	PROD PARTS	ENG'D BY MODS/C	ENG	ENGL ENG
179	1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/4				96		17			17
184	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/4		96							17
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/4			96					17	17
291	1ST STAGE ROTOR BLADES IN MAR-M246 REPLACING BLADES IN INCO 738 MATERIAL	C IN SETS/O			96						17
320	PART 3 - 1ST STAGE ROTOR BLADES	D/O IN SETS		96							17
	PART 4 - 2ND STAGE ROTOR BLADES	D/O IN SETS				96		17			17

FORM N°: AAT-10
 SHEET: 1 OF 1
 ISSUE: 7

EX-MOD-AIRCRAFT.COM

FIELD AIRCRAFT SERVICES (CROYDON) LTD

H.O.D. T56-A-15 BRIT.MOOS.

FINAL BUILD STANDARD

TURBINE ASSEMBLY

SERIAL NO. TA177 WORKS ORDER NO. 401 000 4307

MOD No.	DESCRIPTION	CAT.	FOUND EMB BY FAS	TO BE EMB BY FAS	FINAL INSP
3	FRONT BEARING SEAL RING IN ONE PIECE	C/4	55		59
5	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D/0	115		115
6	REAR BEARING ONE PIECE OIL SEAL	D/0	55		59
25	COMBUSTION INNER CASING LINER 'D' RING	C/8	55		59
24	1ST STAGE ROTOR BLADE INCREASED COOLING	C/8	55		59
124	1ST STAGE GUIDE VANES - CHANGE OF MATERIAL	SEE MOD238			
140	REMOVABLE DISC JET TIP <i>PART SHARDED</i>	D/0	55		73
144	1ST STAGE WHEEL DESIGN CHANGES	D/4	55		59
178	1ST STAGE GUIDE VANE BUCKLES - MATERIAL CHANGE	D/4	55		59
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C/8	55		59
223	THICK WALL TURBINE VANE CASINGS <i>Not in stock</i>	D/4	55		73
238	1ST STAGE GUIDE VANES - RESET AEROFOLDS <i>Left part removed</i>	D IN SETS 4 IN SETS	55	55	59
251	2ND STAGE VANE SEGMENTS - SOLID AEROFOL	D/0	55		59
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED <i>NOT FOR CHECK</i>	D/4	55		73
278	ONE PIECE REAR BEARING OIL TUBE	D/4	55		59
367	1ST STAGE GUIDE VANES REPAIR SCHEME <i>PART EMB - FULLY EMB *</i>	C/4			59
320	PART 1 - 1ST STAGE GUIDE VANES	D/4 IN SETS			59
	PART 2 - 2ND STAGE GUIDE VANES <i>Not Emb</i>	D/0 IN SETS			73
	PART 3 - GUIDE VANE BUCKLES <i>Not Emb</i>	D/0 IN SETS			73

* TICK AS APPLICABLE

FIELD AIRCRAFT LIMITED
M.O.D. T56-A-115 BRIT. MODS.
FINAL BUILD STANDARD
TURBINE BLADES

M.O.D.

SERIAL NO. TA 177 WORKS ORDER NO. 401 000 4307

MOD NO.	DESCRIPTION	CAT.	FOUND EMB BY FAM	TO BE EMB BY FAM	FINAL INSP
179	1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/4	96		96
194	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/4	96		96
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/4	96		96
191	1ST STAGE ROTOR BLADES IN MAR-M246 REPLACING BLADES IN INCO 738 MATERIAL	C IN SETS/0	96		96
120	PART 1 - 1ST STAGE ROTOR BLADES	D/0 IN SETS	Not Embodied		
	PART 2 - 2ND STAGE ROTOR BLADES	D/0 IN SETS		96	

* 89, P/n 6590506
Issued 1/81
8 m. 320 714 Mar 8/1981

FIELD AIRCRAFT SERVICES (CR3YDGN) LTD

M.O.D. TS6-A-15 BRIT.MODS.

FINAL BUILD STANDARD

TURBINE ANCILLARIES

4010004807

SERIAL NO. TA177

WORKS ORDER NO. _____

MOO No.	DESCRIPTION	CAT.	FOUND EMB BY FAS	TO BE EMB BY FAS	FINAL INSP
2	IMPROVED THERMOCOUPLE ASSEMBLY	SUP'D BY 245	57		51
14	THERMOCOUPLE ASSEMBLY - HASTELLOY CASTING	SUP'D BY 245	57		51
245	THERMOCOUPLE ASSEMBLY - DIMENSIONAL CHANGES	D/4	57		51

Component Record Card

MOD Form 735A
(Revised Feb 87)

HPL 8068580 5/88 D2048

Card Serial No 1 of 2

1 Turbine Module.

Authorized Life 5,000 Hrs.

Serial NO. TA 177

2 Transfer and Installation Details

Date	Unit From	Unit to/ Installed in/ Removed from	Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Component		
				Part	Total	
01/05/91	F.A. LTD.	LYNEHAM	---	---	NIL	640/795851 K
8-8-91	LYN	Q105	15913	-	NIL	FITTED
24-06-92	LYN	Q105	15913	-	NIL	REMOVED ^{SIGMA} _{HERC/03/10/91}
24-06-92	F.A. LTD	LYNEHAM.	-	-	NIL	640/700630K - RECTIFIED
24-9-92	LYN	Q235	17347	-	NIL	FITTED.
04-08-95	LYN	REM Q235	19307	1960	1960	3194 XV293 040895
08.8.96	HA. AED. LTD.	LYNEHAM	-	-	1960.	REPAIRED. 640/209928 N.
20-1-97	LYN	FIT Q194	20401	-	1960	5467 XV210200197
21-1-00	LYN	REM Q194	22227	1826	3786	8804 XV210211299
2-2-00	LYN	FIT Q274	22767	-	3786	4125 XV301100100
6.3.03	LYNEHAM	REM Q274	24048.50	1281.50	5067.50	4328 XV179060303
13/08/03	SIGMA AB20 WD	LYNEHAM	-	-	NIL	RECONDITIONED 640/No.103416W
31.5.05	LYN	FIT Q111	25101:35	-	φ	5488 XV200220405
12.06.08	LYN	REM Q111	26642:00	-	1540:25	6389 XV249060608

MOD Form 753
(Revised Dec 86)

Inspection, Test and Modification Certificate

Certified that REDUCTION GEARBOX MODULE Mark T56-A-15 Serial No AGO26781 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No 5000461649 Job No 124-183 (27-9846)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

RECONDITION I.A.W. ITEM 7. T.S.O. 00.00.Hrs.

- * construction
- * reconditioning
- * repair

Modifications Embodied:

159, SIL T56:97-07R, 230.

Modifications Removed:

258.

Technical Instructions Fulfilled:

RECONDITIONED, AND TESTED I.A.W. T.O.2J-T56-53 & CUSTOMERS SPECIFICATIONS.

Date 27/09/07 Signed 

* Service } Authorized Signatory
* Contractor }

At Unit/Works Sigma Aerospace Ltd

* Delete as necessary (NOTE: Continue overleaf if necessary)

Approved Stamp
SIGMA 0002

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

Certified that REDUCTION GEARBOX MODULE Mark T56-A15 Serial No AGO26781 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 505/827 (20 38525)

Total time flow/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during ~~XXXXXX~~ ~~XXXXXXXXXX~~ repair

REPAIRED @ 2538:00 HOURS T.S.O.

Modifications Embodied:
159

Modifications Removed:
NIL.

Technical Instructions Fulfilled:
TECH NOTE 260 "SATISFIED."

04-06-2001 Signed *B Marshall* ~~Service~~ Contractor] Authorized Signatory

Works SIGMA AEROSPACE LIMITED.

Approved Stamp
SIGMA 0288 66

if necessary

(NOTE: Continue overleaf if necessary)



Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Reduction Gearbox Module Mark T56-A15 Serial No AGO 20701 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No AP118/87 Job No AD1 193 3643

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- construction
- reconditioning
- repair

Modifications Embodied:

129 & 312.

Modifications Removed:

Nil

Technical Instructions Fulfilled:

Nil

15-11-87 Signed _____

Service Contractor } Authorized Signatory

Works Blaring Aviation A.E.D. Div.

as necessary



(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

W/O N°: 124-183
 UNIT S/N°: AGO26781

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - REDUCTION GEARBOX

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD						BUILD STANDARD			
			N/A	NOT EMB	FOLDED EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REV/C	DEL.	FINAL USEP	
9	STRENGTHENED OIL PUMP SHAFT	D/O			SIGMA 0259 **							SIGMA 0028
31	TEDECO MAGNETIC CHIP DETECTORS	B/2										SIGMA 0002
104	LOCK POWER TRAIN BRGS & REAR PIN BRG OIL JET, ALSO SEE FORM AAR-13A	B/O			SIGMA 0259 **							SIGMA 0028
119	SIDE MAG CHIP DETECT - REV TO SCREW TYPE	B/2										SIGMA 0002
129	MODIFIED OIL PUMP AND FILTER ASSY.	B/O			SIGMA 0259 **							SIGMA 0028
134	MODIFIED GEAR BOX CASING - OIL MIST	D/O			SIGMA 0259 **							SIGMA 0028
139	3 PIECE RING GEAR	C/WOTSA C/O			SIGMA 0259 **							SIGMA 0028
145	MAIN DRIVE GEAR BRG BORE SUPERSEDES MOD. 87	C/4			SIGMA 0259 **							SIGMA 0028
158	VITON SEALS - OIL PUMP DRIVES	D/4					SIGMA 0259 **					SIGMA 0028
175	MOD NUTS AND LOCKING WASHERS - ACC DRIVES	C/4			SIGMA 0259 **							SIGMA 0028
186	POSITIVE OIL FEED TO TACHO DRIVE SHAFT BEARINGS	B/O			SIGMA 0259 **							SIGMA 0028
241	STARTER DRIVE SHAFT MAGNETIC SEAL	D/4			SIGMA 0259 **				SIGMA 0028			SIGMA 0028
255	INTRODUCTION OF PROPELLER BRAKE OIL PASSAGE OIL SEAL	CX/4			SIGMA 0259 **							SIGMA 0028
258	START DRIVE SHAFT MAG SEAL - SPACER AND SNAP RING ADDED	D/4			SIGMA 0259 **					SIGMA 0028	SIGMA 0028	SIGMA 0028
269	MAIN DRIVE GEAR MOLYBDENUM PLASMA SPRAYED	C/O			SIGMA 0259 **							SIGMA 0028
273	OIL PUMP DRIVE GEAR - INC WEB THICKNESS	C/4			SIGMA 0259 **							SIGMA 0028
275	MAIN OIL PRESS ADJ VALVE - REDES SHAFT	D/4			SIGMA 0259 **							SIGMA 0028
312	PRESSURE OIL FILTER ASSEMBLIES FEATURING 15 MICRON FILTER ELEMENT	CX/3			SIGMA 0259 **							SIGMA 0028

W/O N°: 124-183
 UNIT S/N°: AGO26781

SIGMA AEROSPACE
 MOD T56-A-15 BRJT. MODS.
 FINAL BUILD STANDARD - REDUCTION GEARBOX

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL.C	DEL	FINAL INSP'
313	ALTERNATOR AND HYDRAULIC PUMP DRIVE SHAFTS - CASE HARDENING ADDED TO EXTERNAL SPLINES	D/A				SIGMA Ø111	SIGMA Ø111	SIGMA Ø028 ALT.			SIGMA Ø028
337	INTRODUCTION OF A CORROSION/ABRASION PROTECTION TREATMENT ON REDUCTION GEARBOX HOUSINGS AND DIAPHRAGM ASSEMBLY	D/A		SIGMA Ø111						SIGMA Ø028	
TECH NOTE 260	MAIN DRIVE GEAR - SERVICEABILITY CRITERIA									SIGMA Ø002	
BIL T56 97-07R	CRACKING IN THE EYE BOLT AND MOUNTING PAD AREA	C/A					SIGMA Ø350	SIGMA Ø028		SIGMA Ø028	

W/O N°: 124-183
 UNIT S/N°: AGO26781

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - RGB BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			ALL	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REV/C	DEL	FINAL INSP
81	TACHO DRIVE BRGS - STEEL SEPARATORS	D/4			SIGMA 0343 **		SIGMA 0343 **		SIGMA 034		SIGMA 034
104	LOCK POWER TRAIN BRGS & REAR PIN BRG OIL JET, ALSO SEE FORM: AAR-13	B/O			SIGMA 0343 **		SIGMA 0343 **		SIGMA 034		SIGMA 034
167	FRONT & REAR PIN BRGS - MATERIAL CHANGE	C/4			SIGMA 0343 **						SIGMA 034
230	PLANET GEAR SEPARATORS - MATERIAL CHANGE	D/4		SIGMA 0343 **			SIGMA 0343 **		SIGMA 034		SIGMA 034
254 1 st RE-SUB	MAIN DRIVE GEAR BRG - MATERIAL CHANGE	C/4			SIGMA 0343 **						SIGMA 034
271	MOD TACHO DRIVE AND IDLER SHAFT BRGS	PT.1 C/4 PT.2 D/4			SIGMA 0343 **		SIGMA 0343 **		SIGMA 034		SIGMA 034
272	MOD HYD PUMP ALT AND STARTER SHAFT BRG	D/4			SIGMA 0343 **			SIGMA 034			SIGMA 034
TECH NOTE 260	MAIN DRIVE GEAR - SERVICEABILITY CRITERIA SATIS				SIGMA 0343 **						SIGMA 0343 **
TECH NOTE 275	REAR CARRIER BEARING PART No. 8871650				SIGMA 0343 **						SIGMA 0343 **

W/O N°: 506427
 UNIT S/N°: AGO26781

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - REDUCTION GEARBOX

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REG. C	DEL	FINAL INSP	
9	STRENGTHENED OIL PUMP SHAFT	D/0			SIGMA 0590 **							SIGMA 0583 **
31	TEDECO MAGNETIC CHIP DETECTORS	B/2			SIGMA 0590 **							SIGMA 0583 **
104	LOCK POWER TRAIN BRGS & REAR PIN BRG OIL JET, ALSO SEE FORM: AAR-13A	B/0			SIGMA 0590 **							SIGMA 0583 **
110	SIDE MAG CHIP DETECT - REV TO SCREW TYPE	B/2			SIGMA 0590 **							SIGMA 0583 **
129	MODIFIED OIL PUMP AND FILTER ASSY.	B/0			SIGMA 0590 **							SIGMA 0583 **
134	MODIFIED GEAR BOX CASING - OIL MIST	D/0			SIGMA 0590 **							SIGMA 0583 **
138	3 PIECE RING GEAR	C/WOTSA C/0			SIGMA 0590 **							SIGMA 0583 **
145	MAIN DRIVE GEAR BRG BORE-SUPERSEDES MOD. 87	C/4			SIGMA 0590 **							SIGMA 0583 **
159	VITON SEALS - OIL PUMP DRIVES	D/4			SIGMA 0590 **		SIGMA 0590 **		SIGMA 0583 **			SIGMA 0583 **
175	MOD NUTS AND LOCKING WASHERS - ACC DRIVES	C/4			SIGMA 0590 **							SIGMA 0583 **
198	POSITIVE OIL FEED TO TACHO DRIVE SHAFT BEARINGS	B/0			SIGMA 0590 **							SIGMA 0583 **
241	STARTER DRIVE SHAFT MAGNETIC SEAL	D/4			SIGMA 0590 **							SIGMA 0583 **
255	INTRODUCTION OF PROPELLER BRAKE OIL PASSAGE, OIL SEAL.	CX/4			SIGMA 0590 **							SIGMA 0583 **
258	START DRIVE SHAFT MAG SEAL - SPACER AND SNAP RING ADDED	D/4			SIGMA 0590 **							SIGMA 0583 **
269	MAIN DRIVE GEAR MOLYBDENUM PLASMA SPRAYED	C/0			SIGMA 0590 **							SIGMA 0583 **
273	OIL PUMP DRIVE GEAR - INC WEB THICKNESS	C/4			SIGMA 0590 **							SIGMA 0583 **
275	MAIN OIL PRESS ADJ VALVE - REDES SHAFT	D/4			SIGMA 0590 **							SIGMA 0583 **
312	PRESSURE OIL FILTER ASSEMBLIES FEATURING 15 MICRON FILTER ELEMENT.	CX/3			SIGMA 0590 **							SIGMA 0583 **

FORM N°: AAR-13
 SHEET: 1 OF 2
 ISSUE: 16 17/12/97

W/O N°: 305-827
 UNIT S/N: AG026781

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - REDUCTION GEARBOX

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			WA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL.C	DEL.	FINAL INSP	
313	ALTERNATOR AND HYDRAULIC PUMP DRIVE SHAFTS - CASE HARDENING ADDED TO EXTERNAL SPLINES	D/4				SIGMA 0290 **						SIGMA 0283 **
337	INTRODUCTION OF A CORROSION/ABRASION PROTECTION TREATMENT ON REDUCTION GEARBOX HOUSINGS AND DIAPHRAGM ASSEMBLY	D/4				SIGMA 0290 **						SIGMA 0283 **
TECH NOTE 260	MAIN DRIVE GEAR - SERVICEABILITY CRITERIA	Revised - 13A				SIGMA 0290 **						

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W/O N°: 505-827
 UNIT S/N°: AGO26781

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - RGB BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			FINAL INSP
			N/A	HOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL'G	DEL	
81	TACHO DRIVE BRGS - STEEL SEPARATORS N/D	D/4									SIGMA 0097
104	LOCK POWER TRAIN BRGS & REAR PIN BRG OIL JET. ALSO SEE FORM: AAR-13 N.B. 105 & 110	B/O			SIGMA 0097						SIGMA 0130
157	FRONT & REAR PIN BRGS - MATERIAL CHANGE	C/4			SIGMA 0097						SIGMA 0097
230	PLANET GEAR SEPARATORS - MATERIAL CHANGE	D/4		SIGMA 0097							SIGMA 0097
254	MAIN DRIVE GEAR BRG - MATERIAL CHANGE	D/4			SIGMA 0097						SIGMA 0097
271	MOD TACHO DRIVE AND IDLER SHAFT BRGS N/D	PT.1C/4 PT.2D/4									SIGMA 0097
272	MOD HYD PUMP ALT AND STARTER SHAFT BRG	D/4			SIGMA 0097						SIGMA 0097
TECH NOTE 260	MAIN DRIVE GEAR - SERVICEABILITY CRITERIA SAT (S/F/E)				SIGMA 0097						SIGMA 0097

REPAIR

HUNTING AIRMOTIVE LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 REDUCTION GEARBOX

MOD

SERIAL No: A60 26781 WORKS ORDER No: 401 000 3645

MOD No	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			IN	BY ENG	FOUND ERR	FOUND PARTS ERR	TO BE ENG	EMPS (PART)	EMPS BY SUPPL/C	DEL.	FINAL DEP	
9	STRENGTHENED OIL PUMP SHAFT	D/0			ASQC 10							ASQC 79
31	TEDECO MAGNETIC CHIP DETECTORS	B/2			ASQC 10							ASQC 79
104	LOCK POWER TRAIN BRGS & REAR FIN BRG OIL JET. ALSO SEE FORM: AAR-13A	B/0			ASQC 10							ASQC 79
119	SIDE MAG CHIP DETECT - REV TO SCREW TYPE	B/2			ASQC 10		ASQC 10		ASQC 79			ASQC 79
129	MODIFIED OIL PUMP AND FILTER ASSY.	B/0		EXP	ASQC 10		HAM 80		ASQC 79			ASQC 79
134	MODIFIED GEAR BOX CASING - OIL MIST	D/0			ASQC 10							ASQC 79
139	3 PIECE RING GEAR	C/MOTSAC /0		EXP	ASQC 10		HAM 80					ASQC 79
145	MAIN DRIVE GEAR BRG BORE-SUPERSEDES MOD. 27	C/4			ASQC 10							ASQC 79
159	VITON SEALS - OIL PUMP DRIVES	D/4			ASQC 10		ASQC 10					ASQC 79
175	MOD NUTS AND LOCKING WASHERS - ACC DRIVES	C/4			ASQC 10		ASQC 10		ASQC 79			ASQC 79
198	POSITIVE OIL FEED TO TACHO DRIVE SHAFT BEARINGS	B/0			ASQC 10							ASQC 79
241	STARTER DRIVE SHAFT MAGNETIC SEAL	D/4			ASQC 10		ASQC 10		ASQC 79			ASQC 79
255	INTRODUCTION OF PROPELLER BRAKE OIL PASSAGE, OIL SEAL.	CK/4			ASQC 10							ASQC 79
256	START DRIVE SHAFT MAG SEAL - SPACER AND SNAP RING ADDED	D/4			ASQC 10		ASQC 10		ASQC 79			ASQC 79
269	MAIN DRIVE GEAR MOLYBDENUM PLASMA SPRAYED	C/0			ASQC 10							ASQC 79
273	OIL PUMP DRIVE GEAR - INC WEB THICKNESS	C/4			ASQC 10							ASQC 79
276	MAIN OIL PRESS ADJ VALVE - REDES SHAFT	D/4			ASQC 10							ASQC 79

FORM No = A-A-R-13
 SHEET = 1 OF 2
 ISSUE = 14 24/3/94

HUNTING AIRMOTIVE LTD

SERIAL No: Ag. 26781

WORKS ORDER No: 401 000 3645

MOD No	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD				
			NO	NOT ENG	FOUND ENG	FOUND PARTS ENG	TO BE ENG'D	ENG'D (PART)	ENG'D BY REPL'C	DEL	FINAL DISP
312	PRESSURE OIL FILTER ASSEMBLIES FEATURING 15 MICRON FILTER ELEMENT.	CX/3					ASQC 10		ASQC 79		ASQC 79
313	ALTERNATOR AND HYDRAULIC PUMP DRIVE SHAFTS - CASE HARDENING ADDED TO EXTERNAL SPLINES	D/4					ASQC 10	ASQC 10 PART	ASQC 79 A.L.T.		ASQC 79
337	INTRODUCTION OF A CORROSION/ABRASION PROTECTION TREATMENT ON REDUCTION GEARBOX HOUSINGS AND DIAPHRAGM ASSEMBLY	D/4		HAM 80	FE-E						ASQC 79

FORM No : A-A-R-13
 SHEET : 2 OF 2
 ISSUE : 14 24/3/94

HUNTING AIRMOTIVE LTD
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 REDUCTION GEARBOX BEARINGS

SERIAL NO: AGO 26761

WORKS ORDER NO: 401 000 3645

MOD NO	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD					
			FW	NOT SME	FOUND SME	FOUND (PART) SME	TU BE SME	ENGRG (PART)	ENGRG BY REF. TO	REL	FINAL DEF	
81	TACHO DRIVE BRGS - STEEL SEPARATORS	D/4			122							122
104	LOCK POWER TRAIN BRGS & REAR PIN BRG OIL JET. ALSO SEE FORM: AAR 13	B/0			122							122
157	FRONT & REAR PIN BRGS - MATERIAL CHANGE	C/4			122							122
230	PLANET GEAR SEPARATORS - MATERIAL CHANGE	D/4			122							122
254	MAIN DRIVE GEAR BRG - MATERIAL CHANGE	D/4			122							122
271	MOD TACHO DRIVE AND IDLER SHAFT BRGS	PT. 1C/4 PT. 2D/4			122							122
272	MOD HYD PUMP ALT AND STARTER SHAFT BRG	D/4			122							122

FORM NO : A-A-R-13A
 SHEET : 1 OF 1
 ISSUE : 4 24/3/94

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Torquemeter Assy. Mark T56-A15 Serial No A11871 has been inspected and tested and is fit for service *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 401 000 5214

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

* Engine / ECU Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

Repaired at 17938 since Recondition.

construction
 reconditioning
 repair

Modifications Embodied:

Nil

Modifications Removed:

Nil

Technical Instructions Fulfilled:

Nil

Date 19-07-91

Signed _____

~~XXXXXX~~

* Contractor

Authorized Signatory

At ~~XXXX~~ Works Field Airmotive Limited.

Approved Stamp



* Delete as necessary

(NOTE: Continue overleaf if necessary)

Affix MOD Form 753 here

3 Modifications				4 STI's		5 Servicing Instructions (Initial App)			
Mod No.	Date/Ref	Mod No.	Date/Ref	STI No.	Date/Ref	SI No.	Date/Ref	SI No.	Date/Ref
				468A	01/1/92				
				517	04/08/95				

41

6 Service Mods		7 Miscellaneous Instructions							
Mod No.	Date/Ref	Inst No.	Date/Ref	Inst No.	Date/Ref	Inst No.	Date/Ref	Inst No.	Date/Ref
				PW 162	MA	15/7/97			

8 Items Fitted Subject to a Fatigue Life								
Serial No.	Item Description	Authorized Life	Life Consumed at Fitment			Life Consumed at Removal		
			Date	Component	Item	Date	Component	Item
3A3180631	GENERATOR	2000HRS		NIL				

Generator	3	SerNo 3A3180631	Life 2000	Due 31306 ¹⁰⁰	Ext
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Date	Unit	Work/Task No.	Comp Life Consumed	Work Details
6/2/92	LYN	8418-62792	NIL	STATOR EX GE & ROTOR REPLACED O/H.
7/6/95	LYN	6470 XV301100595	NIL	OVERHAUL 90 SATIS
04/08/95	LYN	8518-040895	NIL	STI/HERC/ST7 C/O
22.2.01	LYN	0822 XV294210198	10	O.H. c/o Usdg New Serial, Rotor = Unbrko Boris.
8/9/02	LYN	1261 XV217 140902	NIL	STATOR REPLACED, O/H c/o SATIS. UNBR FITTED TERMINAL BOLT FIXINGS SHEARED.
25.8.05	LYN	5427 XV220 050705	NIL	Bay Service c/o
9/9/10	K.A.L.		NIL	OVERHAULLED/RECONDITIONED.

Component Record Card

MOD Form 735A
(Revised Feb 87)

HPL 8068580 5/88 D2048

Card Serial No. 1 of 1

1 GENERATOR Authorized Life 2000 HRS.

2 Transfer and Installation Details

Date	Unit From	Unit to/ Installed in/ Removed from	Q HRS Life Consumed of		Authority for Transfer/ Reason for Removal	
			Support Installation	Component Part Total		
230992	LYN	Q105	16572	NIL	FIT 1609.XV301230992 #3	
100595	LYN	REM Q105	18873	2301	2301	6470 XV301 100595
10-8-95	LYN	FIT Q181	20078	NIL	NIL	8276 XV294 090895
2.2.98	LYN	REM Q181	21919	1841	1841	0829 XV294280198
27.3.01	Marshall Aero	FIT. Q240	20776	—	10	0118 XV217 041200 FIT.
27.8.02	LYN	REM Q240	22103:05	1337:05	1337:05	1261 XV217140802.
15-1-03	LIN	FIT Q090	23298:40	—	NIL	3327 XV202 231202
3-8-05	LIN	REM Q090	25054:20	1755:40	1755:40	5427 XV220 050705
5-1-07	LIN	FIT P1096	2514:50	—	NIL	FIT TO 24883 APU 5548
5-Jul-10	LYN	REM P1096	1561:3	773:3	773:3	0063 24883050710 APU.
21 Dec 10	LYN	Q090	24306:00	—	NIL	332 XV17711210 FIT

Inspection, Test and Modification Certificate

MOD FORM 753

(Revised Dec 86)

Certified that AIR TURBINE STARTER Mark ATS100-203 383192-1-4 Serial No P6164 has been inspected and tested and is fit for service. **Complete anti corrosion treatment has been carried out in accordance with the current instructions.*

**Contract No* SMRAF12/1160 *Job No* R09173

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU* Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- construction
- reconditioning
- repair

Modifications Embodied: MTA176

Modifications Removed: NIL

Technical instructions Fulfilled: NIL

Date 10/05/01 Signed *[Signature]*

Service Contractor Authorised Signatory

Approved Stamp

M.T.L. Q.C.4

At Unit/Works MICROTURBOLD
* Delete as necessary (NOTE: Continue overleaf if necessary)



Inspection, Test and Modification Certificate

MOD FORM 753
(Revised Dec 86)

Certified that AIR TURBINE STARTER Mark ATS100-203 Serial No P6164 has been inspected and tested and is fit for service. ~~*Complete anti-corrosion treatment has been carried out in accordance with the current instructions.~~
*Contract No SMRAF12/1160 Job No R08024

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU* Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied:
MTA176

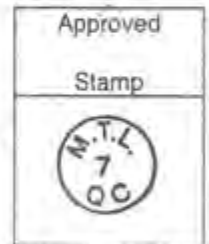
Modifications Removed:
NIL

Technical Instructions Fulfilled:
NIL

Date 30/03/00 Signed [Signature]

* Service
* Contractor } Authorised Signatory

At Unit/Works MICROTURBO LTD
* Delete as necessary



(NOTE: Continue overleaf if necessary)

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Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that AIR TURBINE STARTER Mark 383198-1-4 Serial No P6164 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

Contract No SMRAF12/1160 Job No RO4132

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU* Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during construction reconditioning repair

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 5-2-96 Signed [Signature] Service Contractor } Authorized Signatory

At Work MICROTURBOLITE

Delete as necessary



(NOTE: Continue overleaf if necessary)

EX-100-AIRCREFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that AIR TURBINE STARTER Mark ATS100-203
383198-1-4 Serial No P6164 has been inspected and tested and is fit for service ~~*Complete anti corrosion treatment has been carried out in accordance with the current instructions.~~ *Contract No AE11B/53 Job No R00933

Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.

Engine / ECU Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input type="checkbox"/> construction
<input type="checkbox"/> reconditioning
<input type="checkbox"/> repair

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Approved Stamp



Date 28.06.93 Signed *[Signature]*

* Service	} Authorized Signatory
* Contractor	

At Unit / Works MICROTURBO LIMITED

Delete as necessary

(NOTE: Continue overleaf if necessary).

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 88)

Certified that AIR TURBINE STARTER Mark ATS100-203 Serial No P-6164 has been inspected and tested and is fit for service

~~Contract No~~ *Contract No AE11B/53 Job No 5745/CP

Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.

Engine / ECU Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * inspection
- * reconditioning
- * repair

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 19.9.89

Signed



* ~~Signature~~

* Contractor

Authorized Signatory

At ~~Works~~ / Works

MICROTURBO LIMITED

Delete as necessary



(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that Air Turbine Starter Mark ATS 100-203 Serial No. 640/672696 P6164 has been inspected and tested, and is fit for service. * Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A42A/688 *Job No 5210805

Total time *flown/run at Contractor's Works or Maintenance Unit hours.

*Engine/E.C.U. Weight C. of G. Position

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

No work done.
 No work done
* repair

Change 6 Embodied at this Repair.

MODIFICATIONS EMBODIED:

MODIFICATIONS REMOVED

Air Turbine Starter Repaired to T.O. 2JA3-31-3 Dated 15-11-68
Change Dated:- 1-3-84 . Inspection Report 5210805 Refers.
3421 - Hours Remaining.

TECHNICAL INSTRUCTIONS FULFILLED: -

Date 30-5-85 Signed [Signature] Quality Assurance Authority
At Field Aircraft Services (Croydon) Ltd.

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).

EX-MOD-AIRCRAFT-COM

Date	Unit	Job No	Comp. Life Consumed	Work Details
18-3-87	LIFE EXT	To 6000 HRS	Auth	HOIST LYN/2460/11ENS 12 Nov 86
19-9-84	MTL	REUR/83	3694 Hrs	RECONDITIONED DIR 2076 REPAIR
28-6-83	MTL	106933	4933 HRS	RECONDITIONED DIR 3412 REPAIR M.T.L.O.C.B
6/7/73	LYNEHAM	2966	NIL	Visual PIC check - Satisf
11/7/93	LYN	5390	NIL	FIT 2097 & 19457 AF
12/10/84	LYN	2494	1096 HRS	BAW SERVICED SANS
14/9/85	LYN	1952	11957 HRS	RECONDITIONED DIR 444 REPAIR
15-2-86	MTL	104312	7153 HRS	RECONDITIONED DIR 444 REPAIR M.T.L.O.C.1

Card Serial No ... of

COMPONENT RECORD CARD

MOD Form 755A (Revised Feb 80)

1 AIR TURBINE STARTER AUTHORIZED LIFE 5000 HOURS 6000 HRS
SER NO P 6164

Date	Unit From	Unit to/ Installed in/ Removed From	REC Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Component		
				Part	Total	
20-12-83	LYNEHAM	Q 262	9642	NIL	INSTALLED	
26-11-84	LYNEHAM	Q 262	11221	1579	1579	REMOVED
25/5/85	FASL CROTON	LYNEHAM		1579		REPAIRED AND TESTED CONTRACT A42A/688 640N ^o 672696 (REPAIRED)
22-7-85	MCE	Q 159	12548	1579	1579	FITTER
15-2-84	MCE	Q 159	14699	2115	3694	REMOVED MAJOR
19-9-84	MTL				NIL	RECONDITIONED
13-10-84	LYN	Q 272/4	13239	NIL		FITTER
18-12-84	MCE	Q 272/4	14383	1144	1144	REMOVED (MAJOR)
22-9-82	LYNE	Q 080/3	19066	1144	1144	FITTED SUCW - 0929 XV1892109
31-10-82	LYN	Q 080	17101	95	1239	REM. 1062 XV188 811092
28-6-85	MTL			NIL	NIL	RECONDITIONED M.T.L.O.C.B
11-7-83	LYN	Q 135	16180	NIL	NIL	FITTED XV1892109 5390 2077
31-10-84	LYN	REM Q135	17274	1094	1094	REM 1173 XV207081094
19-10-84	LYN	Q 239	19819	1094	1094	FIT 3180 XV212191094
07-09-85	LYN	REM Q239	20682	863	1957	REM 6092 XV212 070985
21-09-85	LYN	FIT Q163	18547		1957	0957 XV298230195
28-12-85	LYN	REM Q163	18810	263	2220	0551 XV176781291
15-2-86	MTL			NIL	NIL	RECONDITIONED M.T.L.O.C.1
5/6/86	LYN	Q 279	8346	NIL	NIL	INSTALL SO. 2351 XV176001
11-12-87	LYN	Q 279 REM	9485	1119	1119	REM 8560 XV176091297

10 Maintenance, Major Repairs and Reconditioning				
Date	Unit	Work/Task No	Comp Life Consumed	Work Details
13-1-98	Lyn		1119 hrs	Bay Maint c/o 2408 - 13-0198
12-5-99	Lyn	T679	2228 hrs	Bay Maint c/o. 9877 XV176 290499
4-11-99	Lyn	T088	2682 hrs	Recat R ^{3/4} internal failure
30-3-00	MTL	R08024	9835 hrs	Recon DIR 6727RET M.T.L.Q.C.7
30-1-01	Lyn	T887	444 hrs	Output shaft stiff to rotate - Recat R ^{3/4}
10-5-01	MTL	R09178	10279 hrs	REPAIRED DIR 7893 M.T.L.Q.C.4
15-11-01	Lyn	2561	1180.55 hrs	Adaptation for repair
14-2-02	Lyn	2561	1180.55 hrs	Bay Maint. Clout 2561 WBY 14202
24-7-03	Lyn	2470	2043.05 hrs	Bay Maint. Clout 2470 WBY 290703

PPQ 100

Card Serial no: 2 of _____

Component Record Card

MOD Form 735A
(Revised Jan 90)

1 AIR TURBINE STARTER		Authorized Life		6000 RECON. 1000 BAY SERV		
383198-1-4		AT5100-203				
2 SER NO P6164		Transfer and Installation Details				
Date	Unit From	Unit to/ Installed in/ Removed from	QHS Life Consumed			Authority for Transfer/ Reason for Removal
			Support Installation	Component Part Total		
250298	LYNEHAM	FIT Q220	21570	NIL	1119	FIT 8796 XV176 120298
11-5-99	LYN	REM Q220	22679	1109	2228	9877 XV176 290499
28-5-99	LYN	FIT. Q036	22150	NIL	2228	FIT 1486 XV305 270599
27-10-99	LYN	REM Q036	22604	454	2682	1844 XV305 071099
300200	MTL	/	/	/	NIL	RECONSTRUCTION M.T.L.Q.C.7
20/06/00	LYN	FIT Q185	19022	-	NIL	1629 XV294 260500
29/06/00	LYN	REM Q185	19466	444	444	2300 XV294 110101
10-5-01	MTL	/	/	444	444	REPAIRED M.T.L.Q.C.4
30-6-01	LYN	FIT Q084 ^{Q042}	22277 ¹⁷⁶⁴⁷	444	444	FIT 5363 XV184 30-6-01
13-2-02	LYN	REM Q042	18383 ⁵⁵	736 ⁵⁵	1180 ⁵⁵	2921 XV184 110202
19-02-02	LYN	FIT Q084	22648 ⁴⁵	-	1180 ⁵⁵	3397 XV294 110202
19-02-02	LYN	REM Q084	22510 ⁵⁵	86 ⁷⁶	2043-05	4480 XV294 190503

Inspection, Test and Modification Certificate

MOD FORM 753
(Revised Dec 86)

Certified that AIR STARTER Mark ATS100-203 383198-1-4 Serial No P6164 has been
inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No C130K/2148 Job No 4002947
Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.
Engine/ECU* Weight N/A C. of G. Position N/A
List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied: MTA170

Modifications Removed:
NIL

Technical Instructions Fulfilled:
NIL

Date 29/07/2005 Signed *[Signature]*

* Service
* Contractor } Authorised Signatory

Approved
Stamp

M.T.L.Q.C.A

At Unit/Works MICROTURBO LTD

* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD FORM 753
(Revised Dec 86)

Certified that AIR STARTER Mark ATS100-203 383195-1-4 Serial No P6164 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No C130K/2148 Job No 4002947

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU* Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied: MTA170

Modifications Removed:
NIL

Technical Instructions Fulfilled:
NIL

Date 29/07/2005

Signed



* Service
* Contractor

Authorised Signatory

Approved
Stamp

M.T.L. Q.C.4

At Unit/Works MICROTURBO LTD

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD FORM 753

(Revised Dec 86)

Certified that AIR STARTER Mark ATS100-203 383198-1-4 Serial No P6164 has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No C130K/2148 Job No 4002947

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU* Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- construction
- reconditioning
- repair

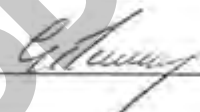
Modifications Embodied: MTA170

Modifications Removed:
NIL

Technical Instructions Fulfilled:
NIL

Date 29/07/2005

Signed



* Service
* Contractor

Authorised Signatory

Approved
Stamp

M.T.L.Q.C.4

At Unit/Works MICROTURBO LTD

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD FORM 753
(Revised Dec 86)

Certified that 2" DIFF. PRESSURE REG. Mark APR23-16 392122-1-1 Serial No P1724 has been
Inspected and tested and is fit for service. ~~*Complete anti-corrosion treatment has been carried out in accordance with the~~
~~current instructions~~ *Contract No SMRAF12/1160 Job No R50439

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU*Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 03/05/02

Signed



* Service
* Contractor

Authorised Signatory

At Unit/Works MICROTURBO LTD

* Delete as necessary

Approved

Stamp

M.T.L Q.C.4

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that 2" DIFF. PRESS REGULATOR Mark APR23-16
392122-1-1 Serial No P1724 has been inspected and tested and is fit for service. ~~*Complete anti-corrosion treatment has been carried out in accordance with the current instructions.~~ *Contract No AE11B/53 Job No 5744/HL

Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.

* Engine / ECU Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during * construction
* reconditioning
* repair

Modifications Embodied:

FAS14

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 13.5.91 Signed [Signature]
At ~~Unit~~ / Works MICROTURBO LIMITED

* Service } Authorized Signatory
* Contractor }



* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that 2" DIFF. PRESS. REGULATOR Mark APR23-16 Serial No P1724 has been inspected and tested, and is fit for service. * Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A42A/620 *Job No 5250653

Total time *flown/run at Contractor's Works or Maintenance Unit hours.
*Engine/E.C.U. Weight C. of G. Position

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

- construction
- reconditioning
- repair

MODIFICATIONS EMBODIED:

Nil

MODIFICATIONS REMOVED

Nil

2" DIFF. PRESS. REGULATOR reconditioned to T.O. 9P10-4-9-3 dated 1/3/68 change dated 1/3/79. Inspection Report DV 5250653 Refers.

EASED.

Trade Pack.

TECHNICAL INSTRUCTIONS FULFILLED:

Date 9/5/83 Signed  Quality Assurance Authority
At FIELD AIRCRAFT SERVICES (CROYDON) LTD., CROYDON AIRPORT, SURREY

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).

EX-MOD-AIRCRAFT.COM



Microturbo Limited

DEFECT INVESTIGATION — INSPECTION REPORT

A

D.I.R. No. 2742 W.O. No. 5744/HL		UNIT CONCERNED	
ITEM UNDER WARRANTY		DESCRIPTION <u>2" DIFFERENTIAL PRESSURE REGULATOR</u>	
NEW YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		PART No. <u>392122-1-1</u>	SERIAL No. <u>P1724</u>
WORKMANSHIP GOOD YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		MOD. S.T.D. ON RECEIPT <u>NIL</u>	
INVESTIGATION REQUESTED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		MOD. S.T.D. ON DESPATCH <u>AS RECEIVED PLUS FAS14</u>	
INSPECTION REQUESTED		ORIGIN <u>R.A.F. LYNEHAM</u>	
CUSTOMER <input checked="" type="checkbox"/>		NUMBER OF STARTS <u>N/A</u>	
MICROTURBO <input type="checkbox"/>		TOTAL HOURS <u>6049</u>	
OTHER <input type="checkbox"/>		MAIN ASSY. <u>C-130</u>	
PREVIOUSLY REPAIRED/RECONDITIONED		DATE OF BUILD <u>9.5.83</u>	
BY <u>FIELD AIRCRAFT SERVICES (CROYDON) LTD. 9.5.83</u>		FIRST ENTRY INTO SERVICE <u>13.7.83</u>	
		DATE OF FAILURE <u>31.01.91</u>	
		LEAD TIME REQUESTED <u>N/A</u>	
		LEAD TIME AGREED <u>N/A</u>	
		DATE OF LAST INCIDENT/REPORT No. <u>NOT RECORDED</u>	
		CUSTOMER'S ORDER No. <u>AE11B/53</u>	
		DESTINATION AFTER REPAIR <u>R.A.F. LYNEHAM</u>	
LIABILITY USER		REASON FOR REJECT <u>LIFEX</u>	
		ORIGINATING OWNER <u>R.A.F.</u>	
		ACCOMPANYING DOCUMENTS, WARRANTY CLAIM ETC. <u>NONE</u>	

ADMINISTRATIVE/QUALITY CONTROL/SIGNATURES/STAMP			
D.G.A.	PROJECT ENGINEER	QUALITY CONTROL	PRODUCT SUPPORT
NAME <u>P. DRAIN</u>	NAME <u>N/A</u>	NAME <u>D.E. JACKSON</u>	NAME <u>E.W. BENNETT</u>
DATE _____	DATE _____	DATE <u>18.03.91</u>	DATE <u>19.03.91</u>
SIGNATURE _____	SIGNATURE _____	SIGNATURE 	SIGNATURE 
<i>Microturbo Limited</i>			

DEFECT INVESTIGATION — INSPECTION REPORT

B

DATE OF INVESTIGATION <u>16.03.91</u> PLACE <u>M.T.L.</u> FAILURE CONFIRMED <u>N/A</u> YES <input type="checkbox"/> NO <input type="checkbox"/>	ORIGIN OF FAILURE PRIMARY <input type="checkbox"/> INDUCED <input type="checkbox"/> CASUAL <input type="checkbox"/>
CONDITION ON RECEIPT <u>UNIT HAS SUFFERED PHYSICAL ABUSE TO SERVO BODY</u>	
CHECKS CARRIED OUT <u>UNIT TO BE DISMANTLED, CLEANED, N.D.T. AND DETAIL INSPECTION TO A RECONDITION STANDARD</u>	
FINDINGS/PARTS REPLACED <u>THE FOLLOWING MAJOR ITEMS WILL REQUIRE REPLACEMENT:</u> i) <u>661037 - SPRING - FAILED COMPRESSION TEST</u> ii) <u>661029 - GUIDE - IMPACT DAMAGE TO END LIP</u> iii) <u>661844 - SPRING - DISTORTED</u> iv) <u>661695 - PLATE - WORN AT SEAT AREA</u> v) <u>661771 - ADAPTOR SOLENOID MOUNTING - UNIT HAS SUFFERED HAMMER TYPE BLOWS TO OUTER SURFACE</u> vi) <u>661777 - BODY - UNIT HAS SUFFERED HAMMER TYPE BLOWS TO OUTER SURFACE</u> vii) <u>662378 - VALVE ASSEMBLY - WORN ON SEAT AREA</u> viii) <u>856284 - VALVE ASSEMBLY - WORN ON SEAT AREA</u>	
THE REMAINING ITEMS SUBJECT TO THE APPLICATION OF APPROVED PRACTICES ON ASSEMBLY SATISFACTORY	
PRIME CAUSE OF FAILURE <u>TIMEX PLUS UNIT HAS SUFFERED PHYSICAL ABUSE BY HAMMER TYPE BLOWS TO SERVO VALVE</u>	
CORRECTIVE ACTION <u>RENEW DAMAGED ITEMS, ASSEMBLE AND SUBJECT TO A SATISFACTORY TEST TO CR TO 9P10.4.9.3., RELEASE TO SERVICE FOR A FULL APPROVED LIFE TO A 392122-1-1 STANDARD</u>	
PRODUCT SUPPORT REMARKS <u>NORMAL OVERHAUL PROCEDURES TO BE CARRIED OUT</u>	
PROJECT ENGINEER'S REMARKS <u>N/A</u>	

Date	Unit	Job No	Comp. Life Consumed	Work Details
26-3-87	LYN	LIFE EXT TO 6000HRS		AUTH:- HOSTC LYN/2460/HWS 12 NOV 86
13-5-91	MTL	AE10/S3	6049 HRS	RECONDITIONED DIR 2742 REFIN MTL Q.C.2
14-9-01	LYN	2475	5928 HRS	53VTR 2/4 FOR RECON. 2475 LYBAY 14-9-01
3-5-02	MICROTURBO	RS0439	11977 HRS	DIR 8515 RECONDITIONED MTL Q.C.4

Card serial No Of

COMPONENT RECORD CARD

MOD Form 735A (Revised Feb 80)

1 2" DIA. PRESS. REGULATOR APR23-16 AUTHORIZED LIFE ~~5000~~ HOURS RECONDITIONED
 5500 HRS ES(A/R) (WIT) S56222/1/C136K I/P

Date	Unit From	Unit to/ Installed in/ Removed From	Life Consumed of		Authority for Transfer/ Reason for Removal	
			Support Installation	Component		
				Part		Total
	F.A.S. CROYDON	LYNEHAM			NIL	A42A/620
13-7-83	LYNE	29772		NIL		640/495499
13-7-83	-/-	FIT 29772	11819	NIL	NIL	892V297120783
23-8-85	LYN	Q072	13357	1532	1532	FITTED
22-1-91	LYN	Q072	17835	4570	6049	REM 2699XV222220191
13-5-91	MTL				NIL	RECONDITIONED MTL Q.C.2
29-11-93	LYN	Q180	17956	NIL	NIL	FITTED 1382XV200291193
12-7-01	LYN	REM Q180	23884	5728	5928	3459XV197070201
3-5-02	MICROTURBO			NIL	NIL	RECONDITIONED MTL Q.C.4
28-6-02	LYN	FIT Q272	20063:30		NIL	2998 XV 307 220502
15-9-00	LYN	REM Q272	24911:20	4847:50	4847:50	4.208 XV221 100909
26-4-10	MICROTURBO	FIT Q082	29198:50		NIL	2676 XV177260410 EIE WQ
27-5-10	LYN	FIT Q090	26414:20		0	2676 XV177 260410

NOV 98

INFORMATION ONLY

ABEX EDP's

- 1 The ABEX EDP must be fitted I.A.W. AP 101B-0701/0703-1J sec. iii para 3-24.
2. Pump shaft seal damage will occur if the gearbox splines are not cleaned thoroughly and ensure pump drive shaft can be inserted into the gearbox without restriction.
3. No attempt should be made to remove or refit an Abex drive shaft, but the vespal sleeves may be removed/replaced.
4. Please fit all transit blanks to the u/s pump , as this invalidates the manufactures warranty.

Supervisor Hydraulic Bay
Ext 7473

SERVICEABLE - Equipment Conditioning Label

Ship/Station/Unit/Contractor (Where made Serviceable) <i>LY PRF GTC BAY</i>		Work No <i>2436</i>	Aircraft No <i>LY84</i>	Day <i>16</i>	Mth <i>09</i>	Yr <i>08</i>	SERVICEABLE	
NATO Stock No / Sect & Ref No* <i>2915 01-1138557</i>		 2915 01-1138557 01-1138557						
Part No <i>6893609</i>		 6893609 8893609					Life Data ERC Attached Yes / No* <i>Yes / No*</i> ERC Form Number <i>MDP7351A</i> Authorised Life <i>ON COND.</i> Authority <i>BP100E-01B</i>	
Serial No <i>196307BR</i>		 196307BR 196307BR					Total Usage Since Life Remaining To / Date Due New Bay Maintenance Reconditioned <i>7974:40 HRS</i> Reconditioning Installed Finite Fatigue	
LITS Work Order No/ WRAM LCN/ WRAM EIAC <i>2436 LY BAY 160908</i>		Tracked Asset		RAF (LITS) Yes	RN(WRAM) Yes / No*		Qty Quality Occurance Report/Incident Report / Calibration* Yes / No*	
LITS Equipment Type/ WRAM ALC 		Army Yes / No*		Qty				
CTRL UNT2915-009 CTRL UNT2915-009		NSC/MCAGE		73342		Safety and Hazard Information <i>H.W.C.</i>		
Fold Here		SERVICEABLE				Fold Here		

Description <i>CONTROL UNIT; FUEL</i>	
Deficiencies <i>NIL</i>	
Remarks PRE-ISSUE CHECKS CARRIED OUT IAW TO6J3-4-24-13. LITS UPDATED.	

Significant Trackable Item (ST Item)(LITS RAF only)		PDF - 417 Bar Code / WRAM Data Information *	
ST Item	Yes	ESR Checked for Currency/Updated *	Yes / No *
Rank/Name	<i>A.R. STEPHENSON</i>		
Unit	<i>LYNEHAM</i>		

Condition and Safety Certificate			
The signature/stamp below certifies that the item is serviceable and that the relevant Safety Precautions / Inhibiting / Preservation actions have been taken.			
Condition	Rank & Name	Date	Signature/Stamp
SERVICEABLE	<i>A.R. STEPHENSON</i>	<i>16-9-08</i>	AUTHORISED CONDITIONER <i>LYN 041</i>



* Delete as Appropriate

SERVICEABLE


SERVICEABLE

Customer: Rolls-Royce PLC


CERTIFICATE OF CONFORMITY

1. Country UNITED KINGDOM		3. Certificate Ref No. 006597				
4. Organisation <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> Vector Aerospace Engine Services UK Limited 12 Imperial Way, Croydon, Surrey, CR9 4LE United Kingdom </div> <div style="text-align: right;"> Tel: 020 8688 7777 Fax: 020 8688 6603 </div> </div>		5. Work Order/Contract/Invoice Number O/I: 124-392 W/O: 28-7120 Customer Order: 4000060074				
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Qty	11. Serial/Batch No.	12. Status/Work:
1	FUEL CONTROL UNIT	6893609 56A / 1045384	T56-A-15	1	196307BR	REPAIRED
13. Remarks: FUEL CONTROL UNIT RECEIVED FOR TEST AND REPAIR AS REQUIRED. FUEL CONTROL UNIT PART NUMBER :-6893609 , SERIAL NUMBERS :- 196307BR PRE-TESTED REPAIRED AND PASSED TEST I.A.W. T.O.6J3-4-24-13 AND UK SUPPLEMENT NO1 EMBODIED. BRIT MOD'S :- 13, 235, 260 AND 362 PART "A" FOUND EMBODIED. T.S.N. NOT KNOWN, T.S.O. 7874.40 HOURS. ORDER TASK NUMBER :- 124-392, WORK ORDER NUMBER :- 28-7120 REFERS.						
SIGNED 		VAES 087 UK	NAME: I SCUTT	Date: 04 Sep 2008	<u>THIS IS NOT AN EASA FORM 1 OR FAA FORM 8130-3</u>	
CERTIFICATION - CERTIFICATE OF CONFORMITY						
Certified that the whole of the supplies detailed hereon have been inspected, tested and - unless otherwise stated - conform in all respects with the requirements of the contract or order.						

Customer: Rolls-Royce PLC

1. Country UNITED KINGDOM		2. CERTIFICATE OF CONFORMITY				3. Certificate Ref No. 006597	
4. Organisation VECTOR AEROSPACE		Vector Aerospace Engine Services UK Limited 12 Imperial Way, Croydon, Surrey, CR9 4LE United Kingdom				5. Work Order/Contract/Invoice Number Tel: 020 8688 7777 Fax: 020 8688 6603 O/T: 124-392 W/O: 28-7120 Customer Order: 4000060074	
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Qty	11. Serial/Batch No.	12. Status/Work:	
1	FUEL CONTROL UNIT	6893609 56A / 1045384	T56-A-15	1	196307BR	REPAIRED	
13. Remarks: FUEL CONTROL UNIT RECEIVED FOR TEST AND REPAIR AS REQUIRED. FUEL CONTROL UNIT PART NUMBER :-6893609 , SERIAL NUMBERS :- 196307BR PRE-TESTED REPAIRED AND PASSED TEST I.A.W. T.O.6J3-4-24-13 AND UK SUPPLEMENT NO1 EMBODIED. BRIT MOD'S :- 13, 235, 260 AND 362 PART "A" FOUND EMBODIED. T.S.N. NOT KNOWN, T.S.O. 7874.40 HOURS. ORDER TASK NUMBER :- 124-392, WORK ORDER NUMBER :- 28-7120 REFERS.							
SIGNED 		VAES 087 UK	NAME: I SCUTT	Date: 04 Sep 2008	THIS IS NOT AN EASA FORM 1 OR FAA FORM 8130-3		
CERTIFICATION - CERTIFICATE OF CONFORMITY							
Certified that the whole of the supplies detailed hereon have been inspected, tested and - unless otherwise stated - conform in all respects with the requirements of the contract or order.							

Customer: Rolls-Royce PLC

1. Country UNITED KINGDOM		2. CERTIFICATE OF CONFORMITY				3. Certificate Ref No. 006597
4. Organisation VECTOR AEROSPACE		Vector Aerospace Engine Services UK Limited 12 Imperial Way, Croydon, Surrey, CR9 4LE United Kingdom		Tel: 020 8688 7777 Fax: 020 8688 6603		5. Work Order/Contract/Invoice Number O/T: 124-392 W/O: 28-7120 Customer Order:4000060074
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Qty	11. Serial/Batch No.	12. Status/Work:
1	FUEL CONTROL UNIT	6893609 56A / 1045384	T56-A-15	1	196307BR	REPAIRED
13. Remarks: FUEL CONTROL UNIT RECEIVED FOR TEST AND REPAIR AS REQUIRED. FUEL CONTROL UNIT PART NUMBER :-6893609 , SERIAL NUMBERS :- 196307BR PRE-TESTED REPAIRED AND PASSED TEST I.A.W. T.O.6J3-4-24-13 AND UK SUPPLEMENT NO1 EMBODIED. BRIT MOD'S :- 13, 235, 260 AND 362 PART "A" FOUND EMBODIED. T.S.N. NOT KNOWN, T.S.O. 7874.40 HOURS. ORDER TASK NUMBER :- 124-392, WORK ORDER NUMBER :- 28-7120 REFERS.						
SIGNED 		VAES 087 UK NAME: I SCUTT		Date: 04 Sep 2008		<u>THIS IS NOT AN EASA FORM 1</u> <u>OR FAA FORM 8130-3</u>
CERTIFICATION - CERTIFICATE OF CONFORMITY						
Certified that the whole of the supplies detailed hereon have been inspected, tested and - unless otherwise stated - conform in all respects with the requirements of the contract or order.						

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that FUEL CONCROL UNIT Mark T56-A-15 Serial No 196307BR has been inspected and tested and is fit for service. *Complete anti-corrossion treatment has been carried out in accordance with the current instructions.

*Contract No 4000060074 Job No 124-392 (28-7120)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during REPAIRED @ 7874.40 HOURS T.S.O.

- * construction
- * reconditioning
- * repair

Modifications Embodied:

NIL

MODIFICATIONS FOUND EMBODIED BRIT MOD'S :- 13, 235, 260 AND 362 PART "A"

Modifications Removed:

NIL

Technical Instructions Fulfilled:

JK SUPPLEMENT NO1 EMBODIED.

Approved Stamp
VAES 087 UK

Date 04/09/08 Signed  * Service * Contractor } Authorized Signatory

At Unit/Works Sigma Aerospace Ltd

Delete as necessary

(NOTE) Continue overleaf if necessary

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that FUEL CONTROL UNIT Mark T56-A-15 Serial No 196307BR has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the

current instructions. *Contract No SMG22B2/212 Job No 690-804

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

REPAIRED @ 6532.25

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

REPAIRED AND PASSED TESTED I.A.W. T.O. 6J3-4-24-13.

Approved Stamp
SIGMA 0137 SA

Date 07/12/04 Signed [Signature] * Service * Contractor } Authorized Signatory

At Unit/Works Sigma Aerospace Ltd

* Delete as necessary (NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark T56-A15 Serial No 196307BR has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMG22B2/212 Job No 505-299

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired @ 3717.00 T.S.O.

- * construction
- * reconditioning
- * repair

Modifications Embodied:

NIL.

Modifications Removed:

NIL.

Technical Instructions Fulfilled:

NIL.

Date 12-04-2000 Signed 

* Service
* Contractor } Authorized Signatory

Unit/Works Sigma Aerospace Ltd.



Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

certified that Fuel Control Unit Mark T56-A15 Serial No 196307BR. has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 427 000 0027
Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired @ 3714:00 hrs. T.S.O.

- * construction
- * reconditioning
- * repair

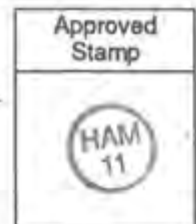
Modifications Embodied: Nil.

Modifications found embodied: 13, 235, 260 & 327.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Date 07-11-98 Signed [Signature]
* Service Contractor } Authorized Signatory
at Unit/Works Sigma Aerospace Ltd.



Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MODIAIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark - Serial No 196307BR has been inspected and tested and is fit for service *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 417 000 1232

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

Engine / ECU Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired at 1202:00 Hrs. T.S.O.

* construction
* reconditioning
* repair

Modifications Embodied: 327

Modifications Found Embodied: 13, 235, 260.

Modifications Removed: Nil

Technical Instructions Fulfilled: Nil

Approved Stamp

Date 17-10-90 Signed [Signature] * Service * Contractor } Authorized Signatory

56

At ~~XXX~~ Works Field Air Motive Limited
Delete as necessary

(NOTE: Continue overleaf if necessary).

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that FUEL CONTROL UNIT Mark _____ Serial No 196307 BR has been inspected and tested and is fit for service *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A29B/1083 Job No 417 000 0190
Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

Engine / ECU Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during

* construction
* reconditioning
* repair

Modifications Embodied: NIL

Modifications Removed: NIL

Technical Instructions Fulfilled: NIL

Date 09/11/87 Signed [Signature]
At Unit / Works FIELD AIRCRAFT SERVICES (CROYDON) LTD.
Delete as necessary

* Service
* Contractor } Authorized Signatory



(NOTE: Continue overleaf if necessary).

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that PROPELLER 1610-00-7835191 Mark 54H60-91 Serial No MFG225825 has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No 7144135 Job No 2376B

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input type="checkbox"/> reconstruction
<input type="checkbox"/> reconditioning
<input type="checkbox"/> repair


Modifications Embodied: BRIT MOD: 4

- RECONDITIONED TO T.O. 3H1-18-3.
- FITTED WITH PITCHLOCK S/NO. FASPL244.
- PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

- SI 48 & STI 67 SATISFIED.
- SB 65, 88, 100, 127, 132, 138, 143, 146, 147 & 150 SATISFIED.

Date 07/06/2010 Signed  At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

~~Service~~
 ~~Contractor~~ Authorized Signatory



* Delete as necessary

(NOTE: Continue overleaf if necessary)

3 Modifications				4 STI's		5 Servicing Instructions (Initial Application)			
Mod No	Date/Reference	Mod No	Date/Reference	STI No	Date/Reference	SI No	Date/Reference	SI No	Date/Reference
4	BRIT MOD 07/06/10								

6 Service Mods		7 Miscellaneous Instructions							
Mod No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference
		48	SI 07/06/10	138	SB 07/06/10				
		67	STI 07/06/10	143	SB 07/06/10				
		65	SB 07/06/10	146	SB 07/06/10				
		88	SB 07/06/10	147	SB 07/06/10				
		100	SB 07/06/10	150	SB 07/06/10				
		127	SB 07/06/10						
		132	SB 07/06/10						

8 Components Fitted										
Component				Life Consumed at Fitment			Life Consumed at Removal			
Serial No	Description			Authorized Life	Date	Assembly	Component	Date	Assembly	Component
FASPL244	PITCHLOCK			4500 F/H	07/06/10		NIL			
4044	LPSA			4750 F/H	07/06/10		NIL			
PSD0750	DOME			4750 F/H	07/06/10		NIL			
N805755	BLADE 1	CORR	+03'	4750 F/H	07/06/10		NIL			
N805754	BLADE 2	CORR	+06'	4750 F/H	07/06/10		NIL			
N805756	BLADE 3	CORR	00'	4750 F/H	07/06/10		NIL			
N805757	BLADE 4	CORR	+03'	4750 F/H	07/06/10		NIL			

9 Section	Reference	Description	Serial No	Installed In	Limiting Component	Due Removal
1610-00	7835191	PROPELLER 54H60-91	MFG225825			

Inspection, Test and Modification Certificate

Certified that PUMP HOUSING 1610-00-0058685 Mark 733872-2 Serial No SE10962 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No C130K/2120 Job No 01-0438

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during construction
 reconditioning
 repair

Modifications Embodied:
BRIT MODS: 1, 23.
RECONDITIONED TO T.O. 3HA2-7-3.
ASSEMBLED AND TESTED WITH VALVE HOUSING 714325-5 S/NO. C5689.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

Date 29 JUL 2002
01-07-02 Signed [Signature]
*Service Contractor Authorized Signatory
At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

Approved Stamp
DAP R& 07

* Delete as necessary

(NOTE: Continue overleaf if necessary)

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3 Modifications				4 STI's		5 Servicing Instructions (Initial Application)			
Mod No	Date/Reference	Mod No	Date/Reference	STI No	Date/Reference	SI No	Date/Reference	SI No	Date/Reference
1	} BRIT Mod 1.7.02								
23									

6 Service Mods		7 Miscellaneous Instructions							
Mod No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference	Inst No	Date/Reference
		131	SERVICE BULLETIN 1.7.02						

8 Items Fitted Subject to a Fatigue Life									
Item		Life Consumed at Fitment			Life Consumed at Removal				
Serial No	Description	Authorized Life	Date	Component	Item	Date	Component	Item	
5101A	Aux MOTOR 55688	5000FH							

9 Section	Reference	Description	Serial No	Installed In	Limiting Item	Due Removal
1610-00	0058685	PUMP HSG 733872-2	SE10962			

EX-MOD.AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that VALVE HOUSING 1610-01-0162196 Mark 714325-5 Serial No C5139 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No C130K/2120 Job No 04-0404

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

* construction-
* reconditioning
* repair-

Modifications Embodied:

BRIT MOD: 1.
RECONDITIONED TO T.O. 3HA2-7-3.
ASSEMBLED AND TESTED WITH PUMP HOUSING 733872-2 S/NO. SE11463.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

STI 72 SATISFIED.

Date 29.10.04

Signed



* Service-
* Contractor

Authorized Signatory

At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

* Delete as necessary

Approved
Stamp

DAP R&O
07

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that PITCHLOCK 1610-01-1023010 Mark 767999-1 Serial No FASPL244 has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No 7144135 Job No 2376B

~~Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours~~

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<ul style="list-style-type: none">* construction* reconditioning* repair

Modifications Embodied:

RECONDITIONED TO T.O. 3H1-18-3.
FITTED TO PROPELLER 54H60-91 S/NO. MFG225825.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

SB 127 SATISFIED.

Date 07/06/2010 Signed 

<ul style="list-style-type: none">* Service* Contractor	Authorized Signatory
--	----------------------

At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL



* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

VECTOR
AEROSPACE

12, Imperial Way, Croydon, Surrey, CR9 4LE, United Kingdom

SERVICEABLE LABEL

124-714.

MANUFACTURER: ALLISON NAME OF PART: FUEL NOZZLES

MODEL No.: T56-A15 PART No.: 6809618

SERIAL No.: P.T.O. QUANTITY: 1SET. W/O No.: 30-11333

REMARKS: TESTED SATISFACTORY I.A.W. T.O. 25-T56-S3


INSPECTOR'S STAMP & DATE
VAES 117 6.9.10.
UK

Ordered Task Number 124-714.

Work Order Number 30-11333.

EXMCO-RAF.COM

Customer: Rolls-Royce PLC

1. Country UNITED KINGDOM		2. CERTIFICATE OF CONFORMITY				3. Certificate Ref No. 008890
4. Organisation		 Vector Aerospace Engine Services UK Limited 12 Imperial Way, Croydon, Surrey, CR9 4LE United Kingdom			Tel: 020 8688 7777 Fax: 020 8688 6603	
						5. Work Order/Contract/Invoice Number O/T: 124-714 W/O: 30-11333 Customer Order: 5000943756
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Qty	11. Serial/Batch No.	12. Status/Work:
1	FUEL NOZZLE	6809618 - Set of Six	T56-A-15	3	1ONO4217, 1TNO9723, 1TNO9731.	INSPECTED/TESTED
2	FUEL NOZZLE	6809618	T56-A-15	3	1ONO5052, 1ONO4219, 1ZMO8232.	INSPECTED/TESTED
13. Remarks: FUEL NOZZLES X 6, Part Number 6809618, Serial Numbers :- 10N04217, 1TNO9723, 1TNO9731, 1ONO5052, 1ONO4219, 1ZMO8232. Set Code No AAR 1 - 6. INSPECTED, and TESTED I.A.W. T.O.2J-T56-53 Manual. CHANGE 8, Dated 15th August 2009, and Customers Specifications. T.S.N. 00.00.Hrs. T.S.O. 00.00.Hrs. Order Task Number 124-714, Work Order Number 30-11333 refers. Customer Order Number 5000943756 refers. Despatched with Log Card.						
SIGNED 		NAME: J BARLTROP Date: 22 Sep 2010		THIS IS NOT AN EASA FORM 1 OR FAA FORM 8130-3		
CERTIFICATION - CERTIFICATE OF CONFORMITY						
Certified that the whole of the supplies detailed hereon have been inspected, tested and - unless otherwise stated - conform in all respects with the requirements of the contract or order.						

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that FUEL NOZZLES Mark T56-A-15 Serial No SEE BELOW has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No 5000943756 Job No 124-714 (30-11333)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

SET No AAR 1 - 6.

TESTED @ T.S.O. 00.00.Hrs.

- * ~~construction~~
- * ~~reconditioning~~
- * ~~repair~~

Modifications Embodied:-

NOZZLES CODED INTO ENGINE SET.
Ser No :- 1ONO4217, 1TNO9723, 1TNO9731, 1ONO5052, 1ONO4219, 1ZMO8232.

Modifications Removed:

Nil.

Technical Instructions Fulfilled:

INSPECTED, AND TESTED I.A.W. T.O.2J-T56-53 Manual.

Approved
Stamp

VAES
002
UK

Date 22/09/10

Signed



* Service
* Contractor

Authorized Signatory

At Unit/Works Vector Aerospace Engine Services UK Ltd

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 100

Certified that QEC Mark _____ Serial No Q035 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No C130K/2101 Job No _____

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

• construction
• reconditioning
• repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled: SI/ALLISON T-56/10.

Approved Stamp
MA 22 Q.D.

Date 28 MAR 2007 Signed  * Service Contractor Authorized Signatory

At Unit/Works Marshall of Cambridge Aerospace Ltd, The Airport, Cambridge, CB5 8RX

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that Q.E.C. Unit Mark..... Serial No Q.035 has been inspected and tested, and is fit for service. * Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No A7a/766 *Job No

Total time *flown/run at Contractor's Works or Maintenance Unit hours.
*Engine/E.C.U. Weight C. of G. Position

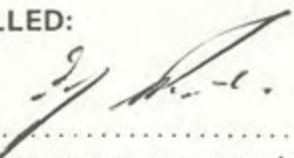
List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

- * construction,
- * reconditioning
- * repair

MODIFICATIONS EMBODIED:
Modification 5292 ML1-00-369 Iss. 1
Modification 5315 ML1-00-321

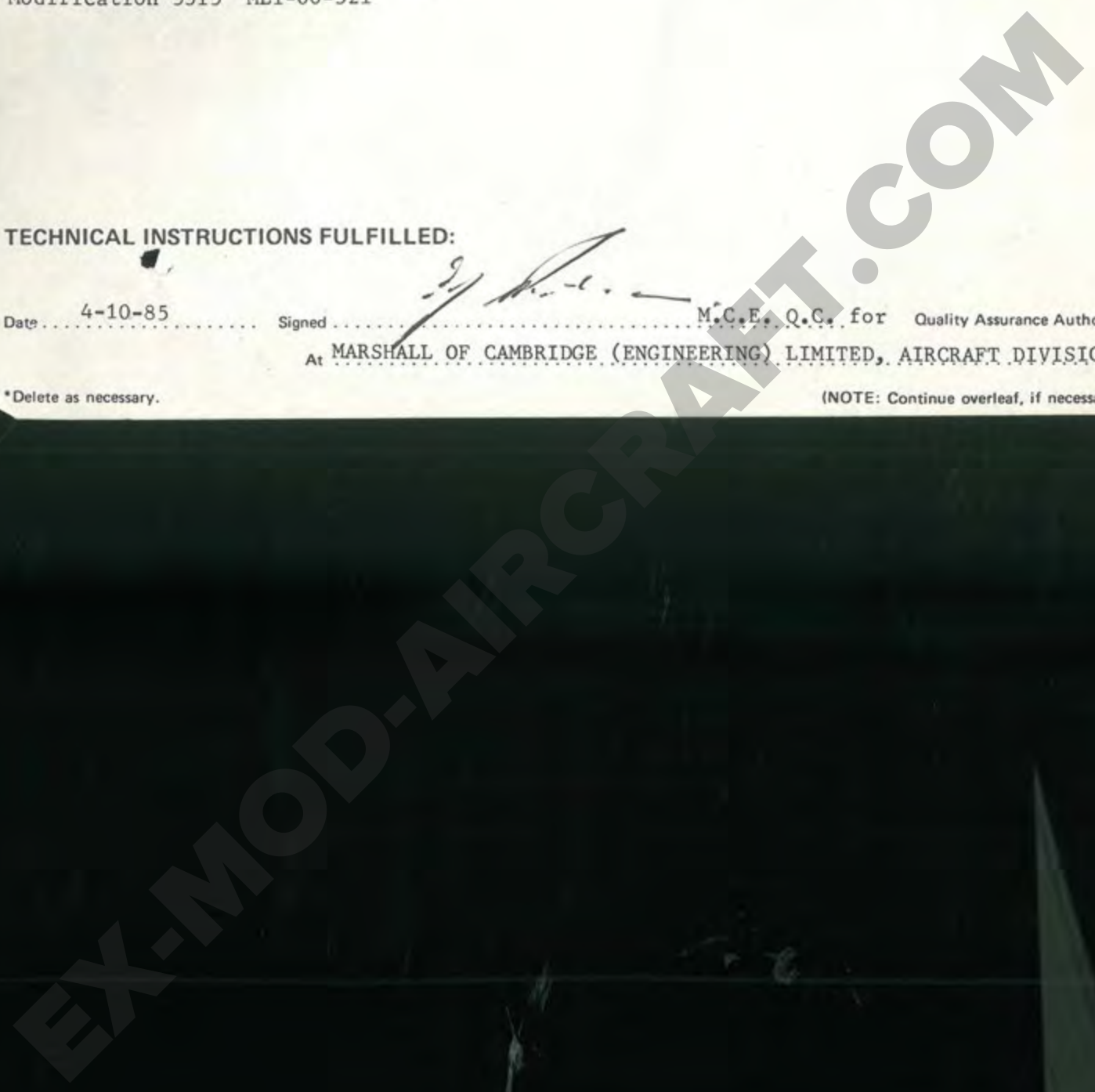
MODIFICATIONS REMOVED

TECHNICAL INSTRUCTIONS FULFILLED:

Date 4-10-85 Signed  M.C.E. Q.C. for Quality Assurance Authority
At MARSHALL OF CAMBRIDGE (ENGINEERING) LIMITED, AIRCRAFT DIVISION

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).



RECORD OF MODULES AND COMPONENTS

3 Module		LIFE CONSUMED AT FITMENT				LIFE CONSUMED AT REMOVAL		
Serial No	Description	Auth Life	Date	ECU	Module	Date	ECU	Module
AE106784	CCM	6000HRS	28-1-82	9078	240	5-5-82	9746	908
AE106324		6500	18-5-82	9746	3229	11-12-85	12788	6271
AE106197		6500	9-1-86	12788	NIL	13-5-88	14196	1408
AE106052		6500	13-5-88	14196	4495	29-11-90	16479	6778
AE108122		6500	29-11-90	16479	NIL	13-8-98	21294	4815
TA158	TA	5000HRS	26-4-82	9745	NIL	5-5-82	9746	1
TA311		5000	18-5-82	9746	NIL	8-1-86	12788	3042
TA376		5000	9-1-86	12788	1415	13-5-88	14196	2823
TA289		5000	13-5-88	14196	NIL	27-10-90	16479	2288
TA243		5000	29-11-90	16479	NIL	24-11-94	19209	2746
TA017		5000	24-11-94	19209	1263	7-1-97	20047	2135
TA156		5000	07-01-97	20047	1091	19-5-98	21176	2118
AG026856	RGB	NOT LIFED	28-1-81	9078	2239	11-12-85	12788	5949
AG026793		NOT LIFED	9-1-86	12788	7022	2-11-00	21722	2380
AG026360		NOT LIFED	5-5-87	13726	960	27-03-98	19328	7057
AG026841		NOT LIFED	27-03-98	19328	NIL	12-07-98	21294	1966
AG026851		---	17-08-98	21294	835	30-5-00	21722	1263
AG026793		NOT LIFED	2-11-00	21722	NIL	01-08-02	22919:05	1196:55
AG026824		---	05-9-02	22919:05	0	2-3-05	24967:35	2048:25
A11760	TM	NOT LIFED	28-1-81	9078	8963	24-12-98	12788	12673
A11993		NOT LIFED	9-1-86	12788	3865	13-5-88	14196	5273
A12076		NOT LIFED	13-5-88	14196	NIL	2-3-05	24967:35	10778:25
A12669		NOT LIFED	2-3-05	24967:35	18811:00			

4 COMPONENT		LIFE CONSUMED AT FITMENT				LIFE CONSUMED AT REMOVAL			
Serial No	Description	Auth Life	Date	ECU	Comp	Date	ECU	Comp	
TA078	TA	5000 HRS	19-5-98	21176	3855	12-6-98	21176	3855	
TA330		"	12-6-98	21176	2245	22-7-98	21254	2323	
TA197		"	22-7-98	21254	NIL	13-8-98	21294	40	
TA306		"	---	17-8-98	21294	0	01-11-00	21722	42
TA277		"	5000	1-11-00	21722	0	28-06-02	22919:05	1196:55
TA336	"	5000	28-8-02	22919:05	1479:35	2-3-04	24265:10	2825:40	
TA3	"	5000	8-3-04	24265:10	1455:10	15-3-04	24967:35	2157:30	
AE106665	CCM	6500	17-8-98	21294	2530	01-11-00	21722	42	
AE106739		6500	1-11-00	21722	1177	17-3-05	24967:35	4422:35	
AE106763		6500	29-3-05	24967:35	0				
AG026869	RGB	NOT LIFED	2-3-05	24967:35	3425:45				
TA286	TA	5000	15-3-05	24967:35	1712:05	16-3-05	24967:35	1712:05	
TA067		5000	29-3-05	24967:35	0	14-3-08	26444:00	1446:25	

5 Modifications (Nos)	6 STI/SI MISCELLANEOUS INSTRUCTIONS					
Date	Reference	Date	Reference	Date	Reference	

7 Section	Reference	Description	Serial No	Limiting Assembly/Comp	Due Removal
		Q E C	Q085	TURBINE Assy	13017:00

Card Serial No. 1 of _____

MOD form 750
(Revised Jun 77)

MODULAR ENGINE CHANGE UNIT RECORD CARD

1 Q.E.C. AUTHORIZED LIFE NOT LIFED
Q035

2 **TRANSFER AND INSTALLATION DETAILS**

Date	Unit From	Unit To/ Installed In/ Removed From	Life Consumed of			Authority For Transfer/ Reason For Removal
			Support Installation	ECU		
			Part	Total		
28.1.81	LYNEHAM	XV222/4	9745	n/c	9078	INSTALLATION
2.2.82	LYNEHAM	XV222/4	10412	667	9745	REMOVAL
28.4.82	LYNEHAM	XV204/2	10452		9745	INSTALLATION
1.5.82	LYNEHAM	XV204/2	10453	1	9746	REMOVAL
27.6.82	LYNEHAM	XV179/4	10911		9746	INSTALLATION
28.11.85	LYNEHAM	XV179/4	13953	3042	12788	REMOVED
17.2.86	LYNEHAM	XV209/2	12198	-	12788	FITTED
27.3.87	LYNEHAM	XV209/2	13136	938	13726	REMOVED
13.5.87	LYNEHAM	XV196/4	15465		13726	FITTED
28.1.88	LYN	XV196/4	15935	470	14106	REM
23.5.88	LYN	XV304/4	15324		14196	FIT 2771 XV304230585
4.10.89	LYN	XV304/4	16660	1336	15532	REM 3464 XV304041089
12.5.90	LYN	XV290/1	16979	-	15532	FIT 3391 XV290120590
23.11.90	LYN	XV290/1	17926	947	16479	REM 4424 XV290231190
29.1.91	LYN	XV215/3	18426	-	16479	1830 XV215210191 FIT
24.11.94	LYN	XV215/3	21152	2726	19205	TACK 1190 XV215 241194
27.03.95	LYN	XV215/3	21275	123	19328	TACK 1531 XV215 270395
7.7.97	LYN	XV215/3	22024	759	20077	TACK 2750 XV215 070197
19.4.98	LYN	XV215/3	23123	1099	21176	TACK 4463 XV215110598
12.6.98	LYN	XV215/3	23223	0	21176	TACK 4564 XV215120698

Continued on Form No. _____ Serial No. _____

SIGMA AEROSPACE LIMITED	Allison T56A-15			MDS Aero Support
Page 3 of 5	Performance Calculation Test Report			Form T56A-15 Iss. 1
Engine Serial Number: AE105763				
Works Order Number: 690-801				
PARAMETER NAME	75%	100%	Military	Take Off
Power Setting (T.I.T. Rating in °C)	876.1	1009.1	1050.3	1073.4
K1 - C.I.P. Correction Factor	1.01259	1.01266	1.01278	1.01277
K2 - R.P.R. Correction Factor	36.02	35.54	35.94	35.87
K3 - C.V. Correction Factor	1.01305	1.01305	1.01305	1.01305
KHP - C.I.T. (Shp) Correction Factor	-59.23	-72.65	-76.98	-80.88
KFF - C.I.T. (Wt) Correction Factor	-23.12	-26.38	-26.37	-29.17
Dyno Shaft Horsepower (Shp)	2789.4	3970.7	4350.5	4502.2
Torque Meter Shaft Horsepower (Shp)	0.2	0.2	0.2	0.2
Observed P.S. Shaft Horsepower (Shp)	2859.4	4046.2	4427.6	4640.2
Ram Pressure Ratio	0.99002	0.99016	0.99005	0.99012
Reduction Gearbox Losses (Shp)	70.05	75.37	77.08	78.03
Corrected Shaft Horsepower (Shp)	2913.79	4119.18	4507.59	4721.66
Minimum Shaft Horsepower (Shp)	9999	4007	4377	4643
Percentage Shaft Horsepower	9999.37	102.80	102.98	101.70
Observed Fuel Flow (lbs/hr)	1734.48	2193.47	2349.44	2438.01
Corrected Fuel Flow (lbs/hr)	1756.00	2223.74	2382.08	2470.07
Max Specific Fuel Consumption	0.607	0.563	0.542	0.529
Actual Specific Fuel Consumption	0.603	0.540	0.528	0.523
Percentage S.F.C.	95.28	95.89	97.50	98.89
Comp. Discharge Temperature obs. (°C)	234.96	250.41	255.46	258.26
Fuel Calorific Value (Btu)	18640	18640	18640	18640
Fuel Specific Gravity	0.803	0.803	0.803	0.803
Barometric Reading (ins.Hg)	29.91	29.91	29.91	29.91
Test Cell Reference Pressure (ins.Hg)	29.87	29.87	29.87	29.86
Compressor Inlet Pressure (ins.Hg)	29.85	29.85	29.84	29.84
Compressor Inlet Temperature (°C)	12.64	12.63	12.64	12.58
Fuel Type	Jet-A1	Jet-A1	Jet-A1	Jet-A1
CORRECTED ACCEPTANCE POINTS				
	75%	100%	Military	Take Off
Power Setting (T.I.T. Rating in °C)	877	1010	1049	1077
Corrected Shaft Horsepower (Shp)	0.0	4137.0	4484.0	4750.3
Percentage Shaft Horsepower	0.00	103.24	102.87	102.31
Corrected Fuel Flow (lbs/hr)	0.0	2236.1	2376.7	2477.7
Actual Specific Fuel Consumption	0.000	0.541	0.529	0.522
Percentage S.F.C.	0.00	96.01	97.58	98.60
Calculation Software = Version(T) Sept 2000				
Date of Test: 18/Sep/04	Inspector's Q.A. Stamp		SIGMA 0915	
Test Duration: 3 hr 25 min				

EX-N

W/O N°: 690-801
 UNIT S/N°: AE106763

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CCM FINAL BUILD STANDARD

MOD N°	Description	CAT	INSPECTION STANDARD					BUILD STANDARD			
			NIA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMBD (PART)	EMBD	DEL	FINAL INSP
4	Filter check valve longer pilot assembly	D/0	SIGMA Ø266 **								SIGMA Ø263 **
10	T.D.V. bracket of bolted construction	C/3			SIGMA Ø266 **						SIGMA Ø263 **
11	Sec lab seal stator and diff assy oilway	C/3			SIGMA Ø266 **						SIGMA Ø263 **
33	Accessory drive shaft oil baffle	C/0			SIGMA Ø266 **						SIGMA Ø263 **
77	Scavenge filter screen in diffuser section	C/0			SIGMA Ø266 **						SIGMA Ø263 **
78	Modified diffuser screen bracket	C/0			SIGMA Ø266 **						SIGMA Ø263 **
79	Comp. Sec lab. Seal - interface contact	D/4			SIGMA Ø266 **						SIGMA Ø263 **
86	Pressure regulating valve - rubber	B/3			SIGMA Ø266 **		SIGMA Ø266 **	SIGMA Ø263 **			SIGMA Ø263 **
106	Stainless steel IGV assembly	D/4			SIGMA Ø266 **						SIGMA Ø263 **
112	Modified diffuser scavenge tube	C/4			SIGMA Ø266 **						SIGMA Ø263 **
113	Inner exhaust cone nut	C/3			SIGMA Ø266 **		SIGMA Ø266 **	SIGMA Ø203 **			SIGMA Ø203 **
120	Modified comb. Liner crossover ferrules	D/4			SIGMA Ø266 **		SIGMA Ø266 **	SIGMA Ø263 **			SIGMA Ø263 **
123	Comp vent air-oil to main engine vent sys.	B/2			SIGMA Ø266 **						SIGMA Ø263 **
127	Inlet housing - strut lie with buna 'n'	C/4			SIGMA Ø266 **		SIGMA Ø266 **	SIGMA Ø263 **			SIGMA Ø263 **
130	Bleed collector spacer baffle	C/0			SIGMA Ø266 **						SIGMA Ø263 **
136	Modified diffuser with oil baffle fitted	D/4		SIGMA Ø266 **							SIGMA Ø263 **
140	Removable oil jet tips	D/0		SIGMA Ø266 **							SIGMA Ø263 **
158	Oil pump drive with w/h seals	D/4			SIGMA Ø266 **		SIGMA Ø266 **	SIGMA Ø203 **			SIGMA Ø263 **
180	Oil press reg valve - reduced spring length	C/4			SIGMA Ø266 **		SIGMA Ø266 **	SIGMA Ø263 **			SIGMA Ø263 **
227	Comb liner thermocouple groms with lead-in	D/4				SIGMA Ø266 **	SIGMA Ø266 **	SIGMA Ø263 **			SIGMA Ø263 **
269	Scav pump to acc drive hsg - mod seal	B/2			SIGMA Ø266 **		SIGMA Ø266 **	SIGMA Ø203 **			SIGMA Ø263 **
278	SSV drive gear - mod full length gear	D/4		SIGMA Ø266 **							SIGMA Ø263 **

W/O N°: 690-801
 UNIT S/N°: AE106763

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CCM FINAL BUILD STANDARD

MOD N°	Description	CAT	INSPECTION STANDARD				BUILD STANDARD				
			WA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EM'VD (PART)	EM'VD	DEL	PRIAL RESP
283	Accessory gearbox scavenge oil union with increased thread diameter and thread engagement torqued into housing at 150-200 lb. Ins.	BX/0			SIGMA 0266 **						SIGMA 0266 **
292	Redesigned airline fitting elbow.	D/4		SIGMA 0266 **							SIGMA 0266 **
302	Shrouded C.I.T. probe.	BX/3 WITH MOD 106, CX/3 WITHOUT MOD 106.			SIGMA 0266 **						SIGMA 0266 **
312	Pressure oil filters assemblies featuring 15-micron filter elements.	CX/3			SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **
326	Engine spray shield bracket kit.	G/4			SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **
362 PART B	Introduction of a reworked anti-icing probe (shrouded type) reworked I.A.W. CEB 73-1512.	CX/3			SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **	SIGMA 0266 **

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W/O N^o: 690-801
 UNIT S/N^o: AE106763

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 COMPRESSOR ROTOR/CASING SUB ASSEMBLY

MOD N ^o	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			M/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DET	FINAL VUSP
12	1ST STAGE VANE ASSEMBLY WITH TIE BAR	D/O			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **		SIGMA 0263 **
83	COMP CASING SPLITLINE BOLTS - SERMETAL "W"	C/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **		SIGMA 0263 **
85	COMP VANES - ALUMINIUM AIRSEALS	D/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **		SIGMA 0263 **
122	COMP ROTOR 1ST-2ND STG. RELATIONSHIP	C/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **		SIGMA 0263 **
125	14TH STG WHEEL - MATERIAL CHANGE	D/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **		SIGMA 0263 **
131	COMP CASING SERMETAL "W" COATING	C/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **		SIGMA 0263 **
133	2ND-3RD COMP VANES - CHANGE OF ADHESIVE	D/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **		SIGMA 0263 **
231	COMP BLEED MANIFOLD ASSY ALBEAL 500 COATED	D/4		SIGMA 0266 **							SIGMA 0263 **
308	COMP WHEELS STAGES 2 TO 14 WITH SERMETAL 2241 COATING	C/O				SIGMA 0266 **		SIGMA 0263 **			SIGMA 0263 **
309	SHOT PEENED STAGE 1 COMP WHEEL	C/O		SIGMA 0266 **			SIGMA 0266 **		SIGMA 0263 **		SIGMA 0263 **
333	1st STAGE COMP. WHEEL FEATURING AL-1 ANTI-CORROSION PROTECTION COATING	D/O		SIGMA 0266 **			SIGMA 0266 **		SIGMA 0263 **		SIGMA 0263 **
369	14 TH STAGE COMP. WHEEL - SILVER/INDIUM PLATING REMOVAL (REF. CEB 72-1575)	C/3		SIGMA 0266 **			SIGMA 0266 **		SIGMA 0263 **		SIGMA 0263 **

** = SERVICEABLE/REPAIRABLE PRE MOD. 308 COMPRESSOR WHEELS (i.e. NICKEL/CAD AND ELECTROLESS NICKEL PLATED) SHOULD CONTINUE TO BE REFITTED FOR FURTHER ENGINE RUNNING AS PER CURRENT STANDARD PRACTICE.

* = BRIT. MOD 333 - NEW AND SERVICE RUN WHEELS TO BE MODIFIED.

** = BRIT. MOD 309 - C AS REQUIRED AT REPAIR AND RECONDITION (ONLY UNUSED STOCK TO BE MODIFIED).

* BM 308 NOT MODIFIED ON 6 TH & 14 TH STAGE WHEELS, ACCEPTED EMB
 2/1/11

W/O N°: 690-801
 UNIT S/N°: AE106763

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - CCM BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NR	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMBO (PART)	EMBO	DEL.	FINAL INP	
5	FRONT BEARING - STEEL SEPARATOR	D/0			SIGMA 0007 00							SIGMA 0007 00
153	FRONT MAIN BRG - CHANGE OF MATERIAL	D/4			SIGMA 0007 00							SIGMA 0007 00
189	ACC DRIVE SHAFT BRG SEPARATOR - MATERIAL CHANGE	D/4		SIGMA 0007 00			SIGMA 0007 00		SIGMA 0007 00			SIGMA 0007 00
229	EXTENSION SHAFT BRG - MATERIAL CHANGE	D/4		SIGMA 0007 00								SIGMA 0007 00

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Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE106763 has been inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 690-801

Total time flown/run* at Contractor's Works or Maintenance Unit 3H2 25MIN hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- ~~* repair~~

Modifications Embodied: 362 part B,309, 333, 369 & 189.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Date 23/09/04 Signed  _____

* Service } Authorized Signatory
* Contractor }



At Unit/Works Sigma Aerospace Ltd

Delete as necessary (NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE106763 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 690-801

Total time flown/run* at Contractor's Works or Maintenance Unit 3HR 25 MIN hours.
Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during
* construction
* reconditioning
* repair

Modifications Embodied: 362 part B,309, 333, 369 & 189.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Date 23/09/04 Signed  * Service } Authorized Signatory
* Contractor }
At Unit/Works Sigma Aerospace Ltd

Approved Stamp
SIGMA 0052 AA

Delete as necessary (NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE106763 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 690-801

Total time flown/run* at Contractor's Works or Maintenance Unit 3HR 25MIN hours.
Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during [* construction
* reconditioning
~~* repair~~

Modifications Embodied: 362 part B,309, 333, 369 & 189.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Date 23/09/04 Signed  * Service } Authorized Signatory
* Contractor }
at Unit/Works Sigma Aerospace Ltd

Approved Stamp
SIGMA 0052 **

Delete as necessary (NOTE: Continue overleaf if necessary)

EX-110D-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Allison Engine Mark T.56 Serial No AE 106763 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMD23A/2034 Job No _____

Total time flown/run* at Contractor's Works or Maintenance Unit 6Hrs 55 Mins hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input type="checkbox"/> construction
<input type="checkbox"/> reconditioning
<input type="checkbox"/> repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled:

SI/ALLISON/17A
SI/ALLISON/9

Date 24 NOV 2000 Signed  * Service * Contractor] Authorized Signatory

at Unit/Works Marshall of Cambridge Aerospace Ltd, The Airport, Cambridge, CB5 8RX

Delete as necessary

(NOTE: Continue overleaf if necessary)

Approved Stamp

MA
22
Q.D.

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE106763 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 505-173

Total time flow/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
External repair & FULL TEST & VIBRATION SCAN @ 2079:00 hrs. T.S.O.

- * construction
- * reconditioning
- * repair @ TEST

Modifications Embodied: NIL.

NO CHANGE TO MODIFICATIONS STANDARD AT THIS VIBRATION SCAN VISIT.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.



Date 22-10-1999 Signed [Signature] * ~~Sigma~~ Contractor Authorized Signatory

At Work Sigma Aerospace Ltd.

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCHARTER.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE 106763 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 401 000 1647

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * ~~XXXXXXXX~~
- * ~~XXXXXXXX~~
- * ~~XXXXXXXX~~
- * ~~XXXXXXXX~~

Modifications Embodied: 283,302,308(qty.6),312 & 326

Modifications Removed: 4 (superseded by mod.312).

Technical Instructions Fulfilled: STI T56/15

Date 31-10-95 Signed _____

At ~~Work~~ Works H A A.E.D.

* Delete as necessary

* ~~Service~~
* Contractor } Authorized Signatory



(NOTE: Continue overleaf if necessary)

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Certificate Number : 233728
 Engine Serial Number : AE106763
 Works Order Number : 4010009648

ENGINE POWER SETTING

PARAMETER NAME	75%	100%	Military	Take Off
Power Setting (T.I.T. Rating in °C)	874.5	1010.4	1049.2	1073.6
K1 - C.I.P. Correction Factor	1.01286	1.01286	1.01252	1.01286
K2 - R.P.R. Correction Factor	-72.29	-66.55	-64.53	-52.87
K3 - C.V. Correction Factor	1.00842	1.00842	1.00842	1.00842
KHP - C.I.T.(Shp) Correction Factor	-39.00	-48.00	-50.00	-51.00
KFF - C.I.T.(Wf) Correction Factor	-15.00	-18.00	-18.00	-18.00
Dyno Shaft Horsepower (Shp)	3024.4	4272.5	4650.8	4900.5
TorqueMeter Shaft Horsepower (Shp)	0.0	0.0	0.0	0.0
Observed P.S. Shaft Horsepower(Shp)	3095.5	4349.2	4729.2	4980.0
Ram Pressure Ratio	1.02024	1.01862	1.01805	1.01477
Reduction Gearbox Losses (Shp)	71.11	76.73	78.43	79.55
Corrected Shaft Horsepower (Shp)	3024.06	4290.59	4673.93	4940.21
Minimum Shaft Horsepower (Shp)	3046.00	4007.00	4377.00	4643.00
Percentage Shaft Horsepower	99.28	107.08	106.78	106.40
Observed Fuel Flow (lbs/hr)	1772.40	2247.00	2395.60	2499.00
Corrected Fuel Flow (lbs/hr)	1795.32	2277.08	2428.03	2534.47
Max Specific Fuel Consumption	0.6070	0.5630	0.5420	0.5290
Actual Specific Fuel Consumption	0.5937	0.5307	0.5195	0.5130
Percentage S.F.C.	97.81	94.27	95.85	96.98
Fuel Calorific Value (Btu)	18555.0	18555.0	18555.0	18555.0
Fuel Specific Gravity	0.80200	0.80200	0.80200	0.80200
Barometric Reading (ins.Hg)	29.82	29.82	29.81	29.81
Test Cell Reference Pressure (ins.Hg)	28.95	29.00	29.03	29.11
Compressor Inlet Pressure (ins.Hg)	29.84	29.84	29.85	29.84
Compressor Inlet Temperature (°C)	13.30	13.30	13.30	13.30
Fuel Type	JET A1	JET A1	JET A1	JET A1

CORRECTED ACCEPTANCE POINTS

	75%	100%	Military	Take Off
Power Setting (T.I.T. Rating in °C)	877	1010	1049	1077
Corrected Shaft Horsepower (Shp)	3039.58	4309.29	4681.60	4948.91
Percentage Shaft Horsepower	99.79	107.54	106.96	106.59
Corrected Fuel Flow (lbs/hr)	1799.91	2288.38	2431.62	2534.45
Actual Specific Fuel Consumption	0.5922	0.5310	0.5194	0.5121
Percentage S.F.C.	97.5548	94.3224	95.8300	96.8097

Date of Test : 09-25-1995
 Test Duration : 2 hrs 46 mins

Inspector's Q.A. Stamp



COM

SIGMA AEROSPACE LIMITED										Allison T56A - 15										Customer: M.O.D.				Operator: Tony Perrell											
Date of Test: 18/09/04										Engine Serial No: A1140783										Test Type: Permit				Reported By: Richard Howler											
Test Duration: 3 hr 35 min										Work Order No: 460-401										Page 2 of 8				Form T56-A15 Rev 1											
Alt	Time	TS	HT	CT	WT	PR	TC	DR	MR	TOTL	TSR	DR	MR	TOTL	TSR	DR	MR	TOTL	TSR	DR	MR	TOTL	TSR	DR	MR	TOTL	TSR	DR	MR	TOTL	TSR	DR	MR		
3.1	0078	518	15.3	588	20.0	233	737	28.90	29.81	29.90	33.0	154.4	188.3	23.4	46.1	103.2	45.3	44.0	0.48																
3.2	0308	507	13.2	830	20.0	2188	885	28.88	29.81	29.82	84.3	254.2	254.3	28.1	54.3	184.2	46.8	44.0	1.06																
3.3	0329	828	12.8	1734	20.4	0.0	14348	1021	29.87	29.91	29.85	336.5	387.5	27.8	34.9	184.4	45.2	44.8	1.88																
3.4	0327	1009	12.8	2190	20.0	0.0	20421	1021	29.87	29.91	29.85	113.5	435.3	487.3	27.3	54.4	180.6	48.9	44.7	2.24															
3.5	0326	1050	12.8	2349	20.0	0.0	22376	1021	29.87	29.91	29.84	118.0	471.0	522.3	27.1	54.0	185.6	48.1	44.5	2.41															
3.6	0325	1073	12.8	2406	20.0	0.0	23487	1021	29.88	29.91	29.84	117.2	460.1	543.4	26.9	53.9	183.8	46.3	44.2	2.43															
3.7	The oil consumption was found to be = 0.450 lbs.																																		
3.8	1302	1547	12.8	2381	20.4	0.0	22525	1021	29.88	29.90	29.84	119.8	471.1	522.0	27.0	54.2	188.6	48.2	45.0	2.35															
3.9	1302	1643	12.8	2337	20.0	0.0	22227	1021	29.88	29.90	29.84	115.6	467.3	516.4	27.1	53.9	180.8	46.2	44.9	2.30															
3.10	13307	580	13.0	840	20.5	0.0	3289	885	28.88	29.88	29.88	84.5	254.0	254.0	28.1	52.6	173.6	43.9	44.7	1.47															
3.11	0807	020	15.3	880	20.4	0.0	324	738	28.88	28.88	29.88	32.1	153.8	184.0	26.4	44.9	80.4	44.7	46.3	0.72															
3.12	12207	585	13.0	837	20.4	0.0	2184	885	28.88	28.88	29.88	84.7	254.3	254.5	28.1	53.3	175.0	44.1	45.7	1.17															
3.13	ROT = 58,000 sec. No of Magnetic Plug Checked = 4200; Magnetic Plug. Clear; No of Filter Checked = 2,000; Condition of Filter. Clear																																		
3.14	Engine (Inlet) ROT = 57,000 sec. No of Magnetic Plug Checked = 4100; Magnetic Plug. Clear; No of Filter Checked = 2,000; Condition of Filter. Clear																																		

EX-MOD-A1140783

W/O N°: 690-801
 UNIT S/N°: AE106763

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CCM FINAL BUILD STANDARD

MOD N°	Description	CAT	INSPECTION STANDARD					BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMBD (PART)	EMBD	DEL	FINAL (NEP)	
4	Filter check valve longer pilot assembly	D/0	SIGMA 0266 **									SIGMA 0263 **
10	T.D.V. bracket of bolted construction	C/3			SIGMA 0266 **							SIGMA 0263 **
11	Sec lab seal stator and diffassy oilway	C/3			SIGMA 0266 **							SIGMA 0263 **
33	Accessory drive shaft oil baffle	C/0			SIGMA 0266 **							SIGMA 0263 **
77	Scavenge filter screen in diffuser section	C/0			SIGMA 0266 **							SIGMA 0263 **
78	Modified diffuser screen bracket	C/0			SIGMA 0266 **							SIGMA 0263 **
79	Comp. Sec lab. Sens - interface contact	D/4			SIGMA 0266 **							SIGMA 0263 **
85	Pressure regulating valve - rubber	B/3			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **			SIGMA 0263 **
106	Stainless steel IGV assembly	D/4			SIGMA 0266 **							SIGMA 0263 **
112	Modified diffuser scavenge tube	C/4			SIGMA 0266 **							SIGMA 0263 **
113	Inner exhaust cone nut	C/3			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **			SIGMA 0263 **
120	Modified comb. Liner crossover ferrules	D/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **			SIGMA 0263 **
123	Comp vent air-oil to main engine vent sys	B/2			SIGMA 0266 **							SIGMA 0263 **
127	Inlet housing - strut file with buna 'n'	C/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **			SIGMA 0263 **
130	Bleed collector spacer baffle	C/0			SIGMA 0266 **							SIGMA 0263 **
136	Modified diffuser with oil baffle fitted	D/4		SIGMA 0266 **								SIGMA 0263 **
140	Removable oil jet tips	D/0		SIGMA 0266 **								SIGMA 0263 **
150	Oil pump drive with vlon seals	D/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **			SIGMA 0263 **
180	Oil press reg valve - reduced spring length	C/4			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **			SIGMA 0263 **
227	Comb liner thermocouple groms with lead-in	D/4				SIGMA 0266 **	SIGMA 0266 **		SIGMA 0263 **			SIGMA 0263 **
259	Scav pump to acc drive hsg - mod seal	B/2			SIGMA 0266 **		SIGMA 0266 **		SIGMA 0263 **			SIGMA 0263 **
278	SSV drive gear - mod full length gear	D/4		SIGMA 0266 **								SIGMA 0263 **

W/O N°: 690-801
 UNIT S/N°: AE106763

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CCM FINAL BUILD STANDARD

MOD N°	Description	CAT	INSPECTION STANDARD				BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DEL	FINAL INSP
283	Accessory gearbox scavenge oil union with increased thread diameter and thread engagement torqued into housing at 150-200 lb. Ins.	BX/0			SIGMA 0286 **						SIGMA 0283 **
292	Redesigned airline fitting elbow.	D/4			SIGMA 0286 **						SIGMA 0283 **
302	Shrouded C.I.T. probe.	BX/3 WITH MOD 106, CX/3 WITHOUT MOD 106.			SIGMA 0286 **						SIGMA 0283 **
312	Pressure oil filters assemblies featuring 15-micron filter elements.	CX/3			SIGMA 0286 **	SIGMA 0286 **	SIGMA 0283 **	SIGMA 0283 **			SIGMA 0283 **
326	Engine spray shield bracket kit.	C/4			SIGMA 0286 **	SIGMA 0286 **	SIGMA 0283 **	SIGMA 0283 **			SIGMA 0283 **
362 PART B	Introduction of a reworked anti-icing probe (shrouded type) reworked I.A.W. CEB 73-1512.	CX/3			SIGMA 0286 **	SIGMA 0286 **	SIGMA 0283 **	SIGMA 0283 **			SIGMA 0283 **

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W/O N^o: 690-801
UNIT S/N^o: AE106763

SIGMA AEROSPACE
MOD T56-A-15 BRIT. MODS.
FINAL BUILD STANDARD
COMPRESSOR ROTOR/CASING SUB ASSEMBLY

MOD N ^o	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD				
			NA	NOT (SMB)	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMFD (PART)	EMFD	NA	FINAL BOP
12	1ST STAGE VANE ASSEMBLY WITH TIE BAR	D/O			SIGMA O266 **		SIGMA O266 **		SIGMA O263 **		SIGMA O263 **
83	COMP CASING SPLITLINE BOLTS - SERMETAL "W"	C/A			SIGMA O266 **		SIGMA O266 **		SIGMA O263 **		SIGMA O263 **
85	COMP VANES - ALUMINIUM AIRSEALS	D/A			SIGMA O266 **		SIGMA O266 **		SIGMA O263 **		SIGMA O263 **
122	COMP ROTOR 1ST-2ND STG RELATIONSHIP	C/A			SIGMA O266 **		SIGMA O266 **		SIGMA O263 **		SIGMA O263 **
125	14TH STG WHEEL - MATERIAL CHANGE	D/A			SIGMA O266 **		SIGMA O266 **		SIGMA O263 **		SIGMA O263 **
131	COMP CASING SERMETAL "W" COATING	C/A			SIGMA O266 **		SIGMA O266 **		SIGMA O263 **		SIGMA O263 **
133	2ND-3RD COMP VANES - CHANGE OF ADHESIVE	D/A			SIGMA O266 **		SIGMA O266 **		SIGMA O263 **		SIGMA O263 **
231	COMP BLEED MANIFOLD ASSY ALSEAL 500 COATED	D/A			SIGMA O266 **						SIGMA O263 **
308	COMP WHEELS STAGES 2 TO 14 WITH SERMETAL 2241 COATING	C/O				SIGMA O266 **		SIGMA O263 **			SIGMA O263 **
309	SHOT PEENED STAGE 1 COMP WHEEL	C/O			SIGMA O266 **		SIGMA O266 **		SIGMA O263 **		SIGMA O263 **
333	1st STAGE COMP. WHEEL FEATURING AL-1 ANTI-CORROSION PROTECTION COATING.	D/O			SIGMA O266 **		SIGMA O266 **		SIGMA O263 **		SIGMA O263 **
369	14 TH STAGE COMP. WHEEL - SILVER/INDIUM PLATING REMOVAL (REF. CEB 72-1575)	C/O			SIGMA O266 **		SIGMA O266 **		SIGMA O263 **		SIGMA O263 **

** = SERVICEABLE/REPAIRABLE PRE MOD. 308 COMPRESSOR WHEELS (i.e. NICKEL/CAD AND ELECTROLESS NICKEL PLATED) SHOULD CONTINUE TO BE REFITTED FOR FURTHER ENGINE RUNNING AS PER CURRENT STANDARD PRACTICE.

* = BRIT. MOD 333 - NEW AND SERVICE RUN WHEELS TO BE MODIFIED.

== BRIT. MOD 309 - C AS REQUIRED AT REPAIR AND RECONDITION (ONLY UNUSED STOCK TO BE MODIFIED).

* BR 308 NOT MODIFIED ON
6 SH & 14TH STAGE WHEELS,
ACCEPTED ENG
-1-1

W/O N°: 690-801
 UNIT S/N°: AE106763

SIGMA AEROSPACE
 MOD T56-A-15 BRIT, MODS.
 FINAL BUILD STANDARD - CCM BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D	DEL.	FINAL EMB	
5	FRONT BEARING - STEEL SEPARATOR	D/0			SIGMA 0007 00							SIGMA 0007 00
158	FRONT MAIN BRG - CHANGE OF MATERIAL	D/4			SIGMA 0007 00							SIGMA 0007 00
189	ACC DRIVE SHAFT BRG SEPARATOR - MATERIAL CHANGE	D/4		SIGMA 0007 00			SIGMA 0007 00		SIGMA 0007 00			SIGMA 0007 00
229	EXTENSION SHAFT BRG - MATERIAL CHANGE	D/4		SIGMA 0007 00								SIGMA 0007 00

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE106763 has been inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 690-801

Total time flown/run* at Contractor's Works or Maintenance Unit 3HR 25MIN hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- ~~* repair~~

Modifications Embodied: 362 part B,309, 333, 369 & 189.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Approved Stamp
SIGMA 0052 **

Date 23/09/04 Signed  * Service * Contractor } Authorized Signatory

At Unit/Works Sigma Aerospace Ltd

Delete as necessary (NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE106763 has been inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 690-801

Total time flown/run* at Contractor's Works or Maintenance Unit 3HR 25MIN hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied: 362 part B,309, 333, 369 & 189.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Approved
Stamp

Date 23/09/04 Signed 

* Service } Authorized Signatory
* Contractor }

SIGMA
0052
**

At Unit/Works Sigma Aerospace Ltd

Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE106763 has been inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC22B2/212 Job No 690-801

Total time flown/run* at Contractor's Works or Maintenance Unit 3HR 25MIN hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied: 362 part B.309, 333, 369 & 189.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Approved
Stamp

Date 23/09/04 Signed 

* Service } Authorized Signatory
* Contractor }

SIGMA
0052
**

Unit/Works Sigma Aerospace Ltd

Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Allison Engine Mark T.56 Serial No AE 106763 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No SMC23A/2034 Job No _____

Total time flown/run* at Contractor's Works or Maintenance Unit 6Hrs 55 Mins hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

* construction
* reconditioning
* repair

Modifications Embodied:

Modifications Removed:

Technical Instructions Fulfilled:

STI/ALLISON/17A
SI/ALLISON/9

Approved Stamp

Date 24 NOV 2000 Signed  * Service * Contractor } Authorized Signatory

at Unit/Works Marshall of Cambridge Aerospace Ltd, The Airport, Cambridge, CB5 8RX

MA
22
Q.D.

Delete as necessary (NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE106763 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 505-173

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
External repair & FULL TEST & VIBRATION SCAN @ 2079:00 hrs. T.S.O.

* construction
* reconditioning
* repair @ TEST

Modifications Embodied: NIL.

NO CHANGE TO MODIFICATIONS STANDARD AT THIS VIBRATION SCAN VISIT.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Approved
Stamp

Date 22-10-1999 Signed 

* Service
* Contractor } Authorized Signatory

At Works Sigma Aerospace Ltd.

SIGMA
0109
**

Delete as necessary

(NOTE: Continue overleaf if necessary)

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Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Compressor Combustion Module Mark T56-A15 Serial No AE 106763 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 401 000 1647

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

- * ~~XXXXXXXX~~
- * ~~reconditioning~~
- * ~~XXXXXXXX~~

Modifications Embodied: 283, 302, 308 (qty. 6), 312 & 326

Modifications Removed: 4 (superseded by mod. 312).

Technical Instructions Fulfilled: STI T56/15

Date 31-10-95 Signed _____

At ~~Work~~ Works H A A.E.D.

* ~~Signatory~~
* Contractor } Authorized Signatory



* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

SERVICEABLE - Equipment Conditioning Label

Ship/Station/Unit/Contractor (Where made Serviceable) LY PRF GTC BAY		Work No 2679	Aircraft No LYBAY	Day 13	Mth 04	Yr 11	SERVICEABLE
NATO Stock No / Sect & Ref No* 2840 01-0893950		Barcode 01-0893950		Life Data			
Part No 6873338		Barcode 6873338		ERC Attached Yes/No* 5000 HRS		ERC Form Number 735	
Serial No TA242		Barcode TA242		Authorised Life AP 100E-018		Authority	
Description MODULE; ENGINE; TURBINE		LITS Equipment Type/ WRAM ALC MDLE2840-011		Total Usage Since New		Life Remaining To / Date Due Bay Maintenance	
				Reconditioned		Reconditioning 21063:55	
				Installed		Finite Fatigue	
				Tracked Asset		Quality Occurrence Report (OOR) / Incident Report (IR) / Calibration*	
				LIS Yes Qty ONE			
				Name of LIS: LITS			
				NSCMWAGE 73342		Yes/No*	
				Safety and Hazard Information H200			
				Is Part / Serial No* Different Yes/No*			
				Original Part No:			
				Original Serial No:			

Fold Here **SERVICEABLE**

SERVICEABLE Fold Here

LIS Work Order No 2679LYBAY130411		Barcode 2679LYBAY130411	
Deficiencies NIL			
Remarks 1ST STAGE STATOR PACK REPAIRED			
Significant Trackable Item (STItem)(LITS RAF only)		PDF - 417 Bar Code / WRAM Data Information *	
STItem Yes	ESR Checked for Currency/Updated * Yes / No *		
Rank/Name	KALICHIT		
Unit	L-1N		
Condition and Safety Certificate			
The signature/stamp below certifies that the item is serviceable and that the relevant Safety Precautions / Inhibiting / Preservation actions have been taken.			
Condition	Rank & Name	Date	Signature/Stamp
SERVICEABLE	KALICHIT	27/4/11	[Signature]

* Delete as Appropriate

SERVICEABLE

SERVICEABLE - Equipment Conditioning Label

MOD Form 731
(Revised Jan 06)

PPQ = 500

Ship/Station/Unit/Contractor (Where made Serviceable) <i>LYNEHAM</i>	Work No <i>2835</i>	Aircraft No <i>482401111</i>	Day <i>1</i>	Mth <i>11</i>	Yr <i>10</i>	SERVICEABLE	
NATO Stock No / Sect & Ref No* <i>6685 00 7557704</i>							
Part No <i>6847719</i>	Life Data		ERC Attached Yes / No* Authorised Life ERC Form Number Authority Total Usage Since <i>2nd condition</i> Life Remaining To / Date Due New Bay Maintenance Reconditioned Reconditioning Installed Finite Fatigue				
Serial No <i>FF3754 L</i>	Tracked Asset		RAF (LITS) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No* Army <input type="checkbox"/> Yes / <input type="checkbox"/> No* RN (WRAM) <input type="checkbox"/> Yes / <input type="checkbox"/> No* Qty Quality Occurrence Report / Incident Report / Calibration* <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No*				
Description <i>L/H TICOUPE HARNESS</i>	NSCM / CAGE		Safety and Hazard Information <i>H.W.C.</i> Is Part / Serial No* Different Yes / No*				
LITS Work Order No / WRAM LCN / WRAM EIAC	LITS Equipment Type / WRAM ALC <i>A</i>		Original Part No Original Serial No				

FOLD HERE **SERVICEABLE** FOLD HERE **SERVICEABLE** FOLD HERE

Deficiencies <i>NIC</i>
Remarks <i>3.97 INST. COST 14W. T.O. 25756-56 WP 050.00</i>

Significant Trackable Item (ST Item)(LITS RAF only)	PDF - 417 Bar Code / WRAM Data Information	For MAOS Use Only	
ST Item# / N* ESR Checked for Currency/Updated* Y / N *	<i>/</i>	19. <input type="checkbox"/> Part -145A.50 <input type="checkbox"/> Other regulation Release to Service specified in block 13	
Rank/Name		Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in block 13, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service.	
Unit		20. Authorised Signature	21. Certificate/Approval Reference Number
Condition and Safety Certificate			
The signature/stamp below certifies that the item is serviceable and that the relevant Safety Precautions / Inhibiting / Preservation actions have been taken:			
Condition	Rank & Name	Date	Signature/Stamp
SERVICEABLE	<i>MR. ATKINSON</i>	<i>10.11.10</i>	<i>[Signature]</i>
		22. Name	23. Date (d/m/y)

* Delete as Appropriate

SERVICEABLE

Installer must cross check eligibility with applicable technical data

SERVICEABLE - Equipment Conditioning Label

MOD Form 731
(Revised Jun 01)
PPG = 500

Ship/Station/Unit/Contractor (Where made Serviceable) LYNEHAM	Work No 2882	Aircraft No 47878	Day 08	Mth 03	Yr 10	*SERVICEABLE
NATO Stock No / Sect & Ref No* 6685-00-7557703						
Part No <i>/</i>	Life Data					
Serial No FF4327K						
Description R/H T'COUPLE HARNESS	ERC Attached Yes / No*		ERC Form Number		Safety and Hazard Information	
	Authorised Life		Authority			
LITS Work Order No / WRAM LCN / WRAM EIAC <i>/</i>	Total Usage Since		Life Remaining To		H.W.C	
LITS Equipment Type / WRAM ALC <i>/</i>	New		Bay Maintenance			
	Reconditioned		Reconditioning		Is Part / Serial No* Different Yes / No*	
	Installed		Finite Fatigue			
	Tracked Asset		RAF (LITS) Yes / No*	RN (WRAM) Yes / No*	Quality Occurrence Report / Incident Report / Calibration* Yes / No*	
			Army Yes / No*			
NSCM / CAGE						

FOLD HERE **SERVICEABLE** FOLD HERE

Deficiencies NIL
Remarks BAY MAINT. 1AW. T.O. 25T56-56 WP. 049.00.

Significant Trackable Item (ST Item)(LITS RAF only)		PDF - 417 Bar Code / WRAM Data Information *	
ST Item # / N*	ESR Checked for Currency/Updated * Y/N *	<i>/</i>	
Rank/Name			
Unit			
Condition and Safety Certificate			
The signature/stamp below certifies that the item is serviceable and that the relevant Safety Precautions / Inhibiting / Preservation actions have been taken.			
Condition	Rank & Name	Date	Signature/Stamp
SERVICEABLE	<i>MR S.M. Long</i>	<i>28/3/10</i>	<i>[Signature]</i>

* Delete as Appropriate **SERVICEABLE** **SERVICEABLE**

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that TURBINE MODULE Mark T56-A-15 Serial No TA242 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 790-167

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during RECONDITIONED I.A.W. ITEM 3. T.S.O.00.00.Hrs. [* construction
* reconditioning
* repair

Modifications Embodied: 253, 370, 320 PART 2, AND PART 5

Modifications Removed: 307.

Technical Instructions Fulfilled: RECONDITIONED AND TESTED I.A.W. T.O.2J-T56-53 & CUSTOMERS SPECIFICATIONS.

Approved Stamp

Date 09/03/06 Signed * Service * Contractor } Authorized Signatory

Work/Works Sigma Aerospace Ltd
as necessary (NOTE: Continue overleaf if necessary)

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Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Turbine Module Mark T56-A15 Serial No TA-242 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 505-155
Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired @ 1667:00 hrs. T.S.O. construction conditioning repair

Modifications Embodied: 290 & 320pt.1(part) - now fully embodied.

RELEASED UNTESTED.

Modifications Removed: 307.

Technical Instructions Fulfilled: Nil.

Date 13-12-99. Signed [Signature] * ~~Service~~ Contractor Authorized Signatory
At Works Sigma Aerospace Ltd.



Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

certified that Turbine Module. Mark T56-A15 Serial No TA242 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the relevant instructions. *Contract No AE11B/87 Job No 401 000 4880
Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____

- Construction
- reconditioning
- repair

Modifications Embodied:

320 Pt.4, 320 Pt.5 (part).

"MODULE NOT TESTED."

Modifications Removed:

NIL.

Technical Instructions Fulfilled:

NIL.

Date 29.05.96. Signed [Signature]
Unit/Works Hunting Aviation AED Ltd.

Service
 Contractor } Authorized Signatory



Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM



MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL.C	DEL	FINAL INSP
3	FRONT BEARING SEAL RING IN ONE PIECE	C/4			SIGMA 0288		SIGMA 0288		SIGMA 0083		SIGMA 0083
6	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D/0									
8	REAR BEARING ONE PIECE OIL SEAL SEE 253	D/0									SIGMA 0083
25	COMBUSTION INNER CASING LINER 'O' RING	C/0			SIGMA 0288						SIGMA 0083
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C/0			SIGMA 0288		SIGMA 0288		SIGMA 0083		SIGMA 0083
140	REMOVABLE OIL JET TIP	D/0					SIGMA 0288				SIGMA 0083
144	1ST STAGE WHEEL DESIGN CHANGES	D/4			SIGMA 0288						SIGMA 0083
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C/3			SIGMA 0288						SIGMA 0083
223	THICK WALL TURBINE VANE CASING	D/4			SIGMA 0288						SIGMA 0200
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED	D/4					SIGMA 0288		SIGMA 0083		SIGMA 0083
270	ONE PIECE REAR BEARING OIL TUBE	D/4			SIGMA 0288						SIGMA 0083
290	REAR BEARING SUPPORT REPLACEMENT	D/4			SIGMA 0288						SIGMA 0083
370	1 ST -2 ND STAGE SPACER - INSPECTION FOR PROPER HEAT TREATING (RE: CEB- A-72-1581)	C/2					SIGMA 0288		SIGMA 0083		SIGMA 0083
371	1 ST , 2 ND , 3 RD & 4 TH STAGE WHEELS - INSPECTION FOR PROPER HEAT TREATING (RE: CEB. 72-1584)	C/2							SIGMA 0083		SIGMA 0083
C.O.I.L. 1520	INSPECTION OF 3 RD STAGE WHEEL FOR CRACKING				SIGMA 0288						SIGMA 0083

W/O N°: 790-167
 UNIT S/N°: TA242

SIGMA AEROSPACE
 MOD T56-A-15 BRIT. MODS.
 CEB SHEET - TURBINE GUIDE VANES
 FINAL BUILD STANDARD
 TURBINE ASSEMBLY



MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD					
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMFD (PART)	EMFD BY REPLC	DEL	FINAL INSP		
124	1ST STAGE GUIDE VANES - CHANGE OF MATERIAL	SEE MOD238											
178	1ST STAGE GUIDE VANE SADDLES - MATERIAL CHANGE	D/4			SIGMA 0286	SIGMA 0286	SIGMA 0286	SIGMA 0283					SIGMA 0283
238	1ST STAGE GUIDE VANES - RESET OIL AEROFOIL	D IN SETS/ 4 IN SETS			SIGMA 0286	SIGMA 0286	SIGMA 0286	SIGMA 0283					SIGMA 0283
251	2ND STAGE VANE SEGMENTS - SOLID AEROFOIL	D/0			SIGMA 0286	SIGMA 0286	SIGMA 0286	SIGMA 0283					SIGMA 0283
307	1ST STAGE GUIDE VANES REPAIR SCHEME	C/4				SIGMA 0286						SIGMA 0283	SIGMA 0283
320	PART 1 - 1ST STAGE GUIDE VANES	D/4 IN SETS			SIGMA 0286	SIGMA 0286	SIGMA 0286	SIGMA 0283					SIGMA 0283
	PART 2 - 2ND STAGE GUIDE VANES	D/0 IN SETS			SIGMA 0286	SIGMA 0286	SIGMA 0286	SIGMA 0283					SIGMA 0283
	PART 5 - GUIDE VANE SADDLES	D/0 IN SETS			SIGMA 0286	SIGMA 0286	SIGMA 0286	SIGMA 0283					SIGMA 0283

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MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL./C	DEL.	FINAL INSP	
179	1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/I4				SIGMA Ø285 **			SIGMA Ø183 **			SIGMA Ø183 **
194	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/I4		SIGMA Ø285 **								SIGMA Ø183 **
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/I4		SIGMA Ø285 **								SIGMA Ø183 **
291	1ST STAGE ROTOR BLADES IN MAR-M246 REPLACING BLADES IN INCO 738 MATERIAL	C IN SETS/O				SIGMA Ø285 **			SIGMA Ø183 **			SIGMA Ø183 **
320	PART 3 - 1ST STAGE ROTOR BLADES	D/O IN SETS		SIGMA Ø285 **								SIGMA Ø183 **
	PART 4 - 2ND STAGE ROTOR BLADES	D/O IN SETS				SIGMA Ø285 **						SIGMA Ø183 **

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD			
			11	101	102	103	104	105	106	107
3	FRONT BEARING SEAL RING IN ONE PIECE	D4			026	026		023		023
6	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D0			026					027
8	REAR BEARINGS ONE PIECE OIL SEAL	D0			026			025		025
25	COMBUSTION INNER CASING LINER O-RING	C0			026					025
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C0			026					025
124	1ST STAGE GUIDE VANES - CHANGE OF MATERIAL	SEE MOD238								
140	REMOVABLE OIL JET TIP	D0				026				020
144	1ST STAGE WHEEL DESIGN CHANGES <i>Not Disturbed</i>	D4			026					027
178	1ST STAGE GUIDE VANE SADDLES - MATERIAL CHANGE	D4			026					020
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C3			026					020
223	THICK WALL TURBINE VANE CASING	D4			026					025
238	1ST STAGE GUIDE VANES - RESET OIL AEROFOIL	D IN SETS/ 4 IN SETS			026		026	020		025
251	2ND STAGE VANE SEGMENTS - SOLID AEROFOIL	D0			026		026	020		025
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED	D4				026				025
270	ONE PIECE REAR BEARING OIL TUBE	D4			026					020
280	REAR BEARING SUPPORT REPLACEMENT	D4			026			020		020
307	1ST STAGE GUIDE VANES REPAIR SCHEME	C4				026			025	025

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EX-MOD-AIRCRAFT

W/O N°: 505-155
UNIT S/N: TA-242

SIGMA AEROSPACE
MOD T56-A-15 BRIT, MODS.
FINAL BUILD STANDARD
TURBINE ASSEMBLY

REPAIR

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD				
			MA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY EMB'G	DEL.	FINAL DISP
320	PART 1 - 1ST STAGE GUIDE VANES	D/D IN SETS				SIGMA 0266 **				SIGMA 0263 **	SIGMA 0263 **
	PART 2 - 2ND STAGE GUIDE VANES	D/D IN SETS		SIGMA 0266 **							SIGMA 0263 **
	PART 5 - GUIDE VANE SADDLES	D/D IN SETS				SIGMA 0266 **					SIGMA 0263 **
C.O.I.L. 1520	INSPECTION OF 3 RD STAGE WHEEL FOR CRACKING <i>NOT CRACKED</i>					SIGMA 0266 **					

FORM N°: AAT-09
SHEET: 2 OF 2
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EX-MOD-AIRCRAFT.COM

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOT EMB	FOUND EMB	FOUND PARTS EMB	TO BE EMB	EMB'D PARTS	EMB'D BY REPL'G	DEL	FINAL DISP	
2	IMPROVED THERMOCOUPLE ASSEMBLY	SUP'D BY 245	SIGMA Ø170 ***									SIGMA Ø170 ***
14	THERMOCOUPLE ASSEMBLY - HASTELLOY CASTING	SUP'D BY 245	SIGMA Ø170 ***									SIGMA Ø170 ***
245	THERMOCOUPLE ASSEMBLY - DIMENSIONAL CHANGES	DI4			SIGMA Ø170 ***					SIGMA Ø170 ***		SIGMA Ø170 ***

EX-MOD-AIRCRAFT.COM



MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			IN	NOT	FOUND	FOUND	TO BE	ENG'D	ENG'D	DEL.	FINAL	
			OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	FRONT BEARING SEAL RING IN ONE PIECE	C/4			HAM 80		HAM 80			HAM 20		HAM 20
6	FRONT AND REAR BEARINGS - STEEL SEPARATOR	D/O			HAM 80							HAM 80
8	REAR BEARING ONE PIECE OIL SEAL	D/O			HAM 80							HAM 20
25	COMBUSTION INNER CASING LINER 'O' RING	C/O			HAM 80							HAM 20
84	1ST STAGE ROTOR BLADE INCREASED COOLING	C/O			HAM 80		HAM 80		HAM 20			HAM 20
124	1ST STAGE GUIDE VANES - CHANGE OF MATERIAL	SEE MOD238			HAM 80							HAM 80
140	REMOVABLE OIL JET TIP	D/O					HAM 80					HAM 20
144	1ST STAGE WHEEL DESIGN CHANGES	D/4			HAM 80							HAM 20
178	1ST STAGE GUIDE VANE SADDLES - MATERIAL CHANGE	D/4					HAM 80	HAM 80	HAM 20			HAM 20
218	SPLIT 2ND AND 3RD STAGE VANE AIR SEALS	C/3			HAM 80							HAM 20
223	THICK WALL TURBINE VANE CASING	D/4			HAM 80							HAM 80
238	1ST STAGE GUIDE VANES - RESET OIL AEROFOL	D/IN SETS/ 4 IN SETS			HAM 80		HAM 80		HAM 20			HAM 20
251	2ND STAGE VANE SEGMENTS - SOLID AEROFOL	D/O			HAM 80		HAM 80		HAM 20			HAM 80
253	REAR BEARING SEAL - TWO FORWARD SEALS REMOVED	D/4			HAM 80							HAM 80
270	ONE PIECE REAR BEARING OIL TUBE	D/4			HAM 80							HAM 80
290	REAR BEARING SUPPORT REPLACEMENT	D/4			HAM 80							HAM 79

EX-MOD-AIRCRAFT

N/S N°: 401-000-4880
 JNIT S/N°: TA242

HUNTING AVIATION LTD
 MOD. T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD
 TURBINE ASSEMBLY



MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			NA	NOT DONE	FOUND OK	FOUND UNSAT	TO BE DONE	EMTS PARTS	EMTS BY IMP/C	DEL	FINAL BHP
307	1ST STAGE GUIDE VANES REPAIR SCHEME	C/4				HAM DC		20	20		20
320	PART 1 - 1ST STAGE GUIDE VANES	D/4 IN SETS				HAM 80	20	20		20	
	PART 2 - 2ND STAGE GUIDE VANES	D/0 IN SETS				HAM 80				20	
	PART 5 - GUIDE VANE SADDLES	D/0 IN SETS				HAM 80	20	20		20	

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			ALL	NOT ENG	FOUND ENG	FOUND PARTS ENG	TO BE ENG	ENG'D PARTS	ENG'D BY REPL'CE	DEL.	FINAL SUPP.
179	1ST, 2ND, 3RD ROTOR BLADES - MATERIAL CHANGE	D/4				96		96			96
194	2ND STAGE ROTOR BLADES - INCREASED SHROUD WIDTH	D/4		96							96
222	2ND STAGE ROTOR BLADES - INCREASED STALK THICKNESS	D/4			96						96
291	1ST STAGE ROTOR BLADES IN MAR-M246 REPLACING BLADES IN INCO 73B MATERIAL	C IN SETS/O			96						96
320	PART 3 - 1ST STAGE ROTOR BLADES	D/O IN SETS		96							96
	PART 4 - 2ND STAGE ROTOR BLADES	D/O IN SETS					96	96			96

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Reduction Gearbox Module Mark T56-A15 Serial No AGO26869 has been
Inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No SMC22B2/212 Job No 401 000 3840

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during
Repaired @ 669:00 hrs. T.S.O. construction
 reconditioning
 repair

Modifications Embodied:

159, 271-(part) - now fully embodied & 337-(part).

Modifications Removed:

Nil.

Technical Instructions Fulfilled:

T.N. 260 satisfied.

Approved
Stamp

Date 30-11-98 Signed 

* Service
* Contractor Authorized Signatory

At Works Sigma Aerospace Ltd.

HAM
11

Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Reduction Gearbox Module. Mark T56-A15 Serial No AGO26869 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the

current instructions. *Contract No AE11B/87 Job No 401 000 3644

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during —

<input type="checkbox"/> construction
<input type="checkbox"/> reconditioning
<input checked="" type="checkbox"/> repair

Modifications Embodied:

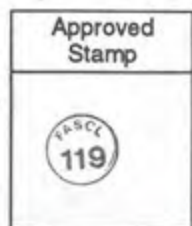
~~104~~, 230, ~~313(a11)~~.

Modifications Removed:

NIL.

Technical Instructions Fulfilled:

NIL.



Date 30.11.95. Signed *[Signature]*

* ~~Service~~ Contractor Authorized Signatory

At Unit/Works Hunting Aviation AED Ltd.

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that REDUCTION GEARBOX MODULE Mark T56-A-15 Serial No AGO26869 has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the

current instructions. *Contract No SMC22B2/212 Job No 690/380 (23 4893)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during
REPAIRED @ 3240:15 HOURS T.S.O.

- * construction
- * reconditioning
- * repair

Modifications Embodied: NIL.

Modifications Removed: NIL.

Technical Instructions Fulfilled: TECH NOTE 260 "SATISFIED."

Approved
Stamp

Date 12/05/2003 Signed *B Marshall*

* Service } Authorized Signatory
* Contractor }

SIGMA
0288
**

At Unit/Works Sigma Aerospace Limited

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

ALLISON REDUCTION GEARBOX RUN SHEET.

GD Serial No. A6026864 Works/order No. 640-380 Customer. 1100
Test schedule. 70-25-750-53 Date. 8/5/03 ~~Oil~~ Rep.

Time start. 0845 OBSERVED PARAMETERS Oil type. Wesull 500

MPH	Oil In psi	Oil scav psi	Main oil psi	Oil In temp	Oil out temp	Oil flow	Vibration
<u>021</u>	<u>5</u>	<u>45</u>	<u>145</u>	<u>80</u>	<u>90</u>	<u>125</u>	<u>0.3</u>

Shutdown time. 0930 Prop brake check. SABS
 Oil consumption. NIL Accessories leakage. NIL Acc/~~oil~~.

Reason for rejection.
 Adjustments. Main oil pressure. ADS

Operator. [Signature] 08 MAY 2003
 Inspector. [Signature] 08 MAY 2003

EX-MOD-AIRCRAFT.COM

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			N/A	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL'C	DEL	FINAL INSP	
81	TACHO DRIVE BRGS - STEEL SEPARATORS <i>NOT DISTURBED</i>	D/4										SIGMA 0097 **
104	LOCK POWER TRAIN BRGS & REAR PIN BRG OIL JET. ALSO SEE FORM: AAR-13 <i>2 OFF NOT DIST</i>	B/O			SIGMA 0097 ** <i>1 OFF</i>							SIGMA 0097 **
157	FRONT & REAR PIN BRGS - MATERIAL CHANGE <i>N/A</i>	C/4										SIGMA 0097 **
230	PLANET GEAR SEPARATORS - MATERIAL CHANGE <i>NOT DIST</i>	D/4										SIGMA 0097 **
254 1 st RE-SUB	MAIN DRIVE GEAR BRG - MATERIAL CHANGE	C/4			SIGMA 0097 **							SIGMA 0097 **
271	MOD TACHO DRIVE AND IDLER SHAFT BRGS <i>NOT DISTURBED</i>	PT.1C/4 PT.2D/4										SIGMA 0097 **
272	MOD HYD PUMP ALT AND STARTER SHAFT BRG	D/4				SIGMA 0097 **						SIGMA 0097 **
TECH NOTE 260	MAIN DRIVE GEAR - SERVICEABILITY CRITERIA <i>3A715</i>	SIGMA 0097 **										SIGMA 0097 **
TECH NOTE 275	REAR CARRIER BEARING PART No. 6871650 <i>NOT DISTURBED</i>	SIGMA 0097 **										SIGMA 0097 **

MOD

REPAIR

W/O N°: 401-000-3840
 UNIT SN°: AGO-26869

SIGMA AEROSPACE
 MOD T36-A-15 BRIT. MODS.
 BUILD STANDARD - REDUCTION GEARBOX

MOD

REPAIR

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD				
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL' C	DEL	FINAL INSP	
9	STRENGTHENED OIL PUMP SHAFT	D0			HAM 143							LACD 79
31	TEDECO MAGNETIC CHIP DETECTORS	B2			HAM 143							LACD 79
104	LOCK POWER TRAIN BRGS & REAR PIN BRG OIL JET. ALSO SEE FORM. AAR-13A	B0			HAM 143					LACD 79		LACD 79
119	SIDE MAG CHIP DETECT - REV TO SCREW TYPE	B2			HAM 143							LACD 79
129	MODIFIED OIL PUMP AND FILTER ASSY.	B0			HAM 143		HAM 143			LACD 79		LACD 79
134	MODIFIED GEAR BOX CASING - OIL MIST	D0			HAM 143							LACD 79
139	3 PIECE RING GEAR	CWOTSA C0			HAM 143							LACD 79
145	MAIN DRIVE GEAR BRG BORE-SUPERSEDES MOD. 87	C4			HAM 143							LACD 79
159	VITON SEALS - OIL PUMP DRIVES	D4					HAM 143					LACD 79
175	MOD NUTS AND LOCKING WASHERS - ACC DRIVES	C4			HAM 143							LACD 79
190	POSITIVE OIL FEED TO TACHO DRIVE SHAFT BEARINGS	B0			HAM 143							LACD 79
241	STARTER DRIVE SHAFT MAGNETIC SEAL	D4			HAM 143		HAM 143			LACD 79		LACD 79
255	INTRODUCTION OF PROPELLER BRAKE OIL PASSAGE, OIL SEAL	CX4			HAM 143							LACD 79
256	START DRIVE SHAFT MAG SEAL - SPACER AND SNAP RING ADDED	D4			HAM 143		HAM 143			LACD 79		LACD 79
269	MAIN DRIVE GEAR MOLYBDENUM PLASMA SPRAYED.	C0			HAM 143							LACD 79
273	OIL PUMP DRIVE GEAR - INC WEB THICKNESS	C4			HAM 143							LACD 79
275	MAIN OIL PRESS ADJ VALVE - REDES SHAFT	D4			HAM 143							LACD 79
312	PRESSURE OIL FILTER ASSEMBLIES FEATURING 15 MICRON FILTER ELEMENT.	CX3			HAM 143		HAM 143			LACD 79		LACD 79

REPAIR

FORM N°: AAR-13
 SHEET: 1 OF 2
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EX-MOD-AIRCRAFT

W/O N°: 401-000-3840
 UNIT S/N°: AGO-26869

SIGMA AEROSPACE **REPAIR**
 MOD T56-A-15 BRIT. MODS.
 FINAL BUILD STANDARD - REDUCTION GEARBOX

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD				BUILD STANDARD					
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL.C	DEL	FINAL INSP	
313	ALTERNATOR AND HYDRAULIC PUMP DRIVE SHAFTS - CASE HARDENING ADDED TO EXTERNAL SPLINES	D14				SLC HAM 143						79
337	INTRODUCTION OF A CORROSION/ABRASION PROTECTION TREATMENT ON REDUCTION GEARBOX HOUSINGS AND DIAPHRAGM ASSEMBLY	D14				HAM 143				79 Rack Safety		79
TECH NOTE 260	MAIN DRIVE GEAR SERVICEABILITY CRITERIA J.P.S.					HAM 143						79

REPAIR

MOD

EX-MOD-AIRCRAFT

401-000-3840
S/N: AGO-26869

SIGMA AEROSPACE
MOD T56-A-15 BRIT. MODS.
FINAL BUILD STANDARD - RGB BEARINGS

MOD N°	DESCRIPTION	CAT	INSPECTION STANDARD					BUILD STANDARD			
			NA	NOT EMB	FOUND EMB	FOUND (PART) EMB	TO BE EMB	EMB'D (PART)	EMB'D BY REPL/C	DEL	FINAL INSP
81	TACHO DRIVE BRGS - STEEL SEPARATORS	DI4			HAM 109		HAM 109				HAM 109
104	LOCK POWER TRAIN BRGS & REAR PIN BRG OIL JET. ALSO SEE FORM. AAR-13	B/O			HAM 109						HAM 109
157	FRONT & REAR PIN BRGS - MATERIAL CHANGE	CI4			HAM 109						HAM 109
230	PLANET GEAR SEPARATORS - MATERIAL CHANGE	DI4			HAM 109						HAM 109
254	MAIN DRIVE GEAR BRG - MATERIAL CHANGE	DI4			HAM 109						HAM 109
271	MOD TACHO DRIVE AND IDLER SHAFT BRGS	PT.1C/4 PT.2D/4					HAM 109		HAM 109		HAM 109
272	MOD HYD PUMP ALT AND STARTER SHAFT BRG	DI4					HAM 109				HAM 109
TECH NOTE 250	MAIN DRIVE GEAR - SERVICEABILITY CRITERIA <i>Serviceability</i>				HAM 109						HAM 109

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that TORQUEMETER MODULE Mark T56-A15 Serial No A12669 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 505/835 (20 36766)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during REPAIRED @ 18152:00 HRS T.S.O. overhaul
 reconditioning
 repair

Modifications Embodied:

NIL.
(CALIBRATION No. S29665)

Modifications Removed:

NIL.

Technical Instructions Fulfilled:

NIL.

Approved Stamp
SIGMA 0274 **

Date 18-12-2000 Signed  Service
 Contractor Authorized Signatory

At Works SIGMA AEROSPACE LIMITED.

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Date	Unit	Work/Task No.	Comp Life Consumed	Work Details
24/01/94	LYN	1211 XV 174 20 0293	NIL	STATOR C/W GEN EX'D + OUBRITANUL
22/8/96	LYN	4139 XV 220 10/08/96	851	FUNCTIONAL TEST C/O SATIS.
5/12/97	LYN	6628 20-11-97	NIL	O/H % SST. SATIS 2000HRS.
2/10/98	LYN	6541-220998	NIL	O/H AULIA, EXCITOR STATOR EX'D. 'S'.
22/4/00	LYN	4663 XV 300 020900	NIL	O/H % SST. SATIS ^{NEW} UNFITTED ^{UNFITTED} BOLTS FIT
7/7/03	LYN	2015		
7/7/03	LYN	2395 XV 301 020503	NIL	O/H C/O - SATIS UNBRAKO BOLTS FITTED.

Component Record Card

MOD Form 735A
(Revised Feb 87)

Card Serial No. _____ of _____

HPL 956250 588 * D2048

1	GENERATOR		Authorized Life	2000 HRS		
	3A 3180799					
2	SER N° 0799		Transfer and Installation Details			
Date	Unit From	Unit to/ Installed in/ Removed from	Q HRS Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Component Part Total		
	LYN	FIT Q 036	17291	—	NIL	
19/1/94	LYN	REMOVE Q036	18142	851	851	REMOVED
22/09/94	LYN	Q169 FIT	19218	—	NIL	3A 3180799 1423 XV 303 300394
12.8.96	LYN	Rem Q169	20291	1073	1073	4139 XV 220101095
	LYN	Q				
09/9/96	BOXCORBE DOWN	FITTED Q273	20423	NIL	1073	0579 XV 214100996
13.11.97	LYN	Rem Q273	20837	414	1487	2702 XV 221131197
10.3.98	LYN	FIT Q076	19227	—	0	1340 XV 181090198.
22.9.98	LYN	Rem Q076	19412	185	185	1362 XV 177180998
18.8.99.	LYN	FIT Q044	20356	—	0	1588 XV 30326498.
5.9.00	LYN	Rem Q094	21096	740	740	4663 XV 300 020900
20/00	LYN	FIT Q278	10046	—	NIL	4558 XV 185 181000
08/03	LYN	REM Q278	12007.50	1961	1961.50	2395 XV 301020503.

Section. Test and Modification Certificate

MOD FORM 753
(Revised Dec 86)

Unit that Air Turbine Starter Mark ATS100-203 383198-1-4 Serial No P5926 has been

checked and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the

current instructions. *Contract No C130K/2148 Job No 40001515

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU* Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- construction
- reconditioning
- repair

Modifications Embodied:

MTA176

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 27/05/04 Signed [Signature]

* Service
* Contractor } Authorised Signatory

Approved Stamp
MTL AB1

At Unit/Works MICROTURBO LTD

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form (Revised Dec 86)

Certified that AIR TURBINE STARTER Mark ATS100-203 383198-1-4 Serial No P5926 has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the present instructions.

*Contract No AE11B/53 Job No 5745/JD

Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.

Engine / ECU Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during overhaul reconditioning repair

Modifications Embodied:

NIL

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Date 22.11.90 Signed [Signature]

At ~~Work~~ Works MICROTURBO LIMITED

Delete as necessary

Service Contractor } Authorized Signatory



(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

640/345821

Certified that Air Turbine Starter..... Mark... ATS100-203... Serial No... P5926..... has been inspected and tested, and is fit for service.

* Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No... A42A/784..... *Job No... 5210993.....

Total time *flown/run at Contractor's Works or Maintenance Unit..... hours.

*Engine/E.C.U. Weight..... C. of G. Position.....

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

[* construction XXXXXXXXXXXX
* reconditioning XXXXXXXXXXXX
* repair XXXXXXXXXXXX]

MODIFICATIONS EMBODIED: NIL


MODIFICATIONS REMOVED
NIL

Air Turbine Starter Reconditioned to T.O. 2JA3-31-3
Dated 15/11/68, Change Dated 1/3/84.

Inspection Report 5210993 Refers.

Trade Packed
Eased.

TECHNICAL INSTRUCTIONS FULFILLED: NIL

Date 24/2/87..... Signed ..... Quality Assurance Authority
At FIELD AIRCRAFT SERVICES (CROYDON) LTD. .

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).

EX-MOD-AIRCRAFT.COM

Date	Unit	Job No	Comp. Life Consumed	Work Details
16/11/88	RAF LYNEHAM	2566	487	SHORT SEAR DRWS FITTED FINE ST. 16.12.87
24/88	MCE	(REMOVED)	15653	RECONDITIONED DIR 2461/5574

MTLOC2

Card Serial No of

COMPONENT RECORD CARD 6000 HRS

MOD Form 735A (Revised Feb 80)

1 AIR TURBINE STARTER ATS100-203 AUTHORIZED LIFE 5000 HOURS RECONDITIONED
 1000 HRS 187 SEC

2 SER N P 5926 TRANSFER AND INSTALLATION DETAILS

Date	Unit From	Unit to/ Installed in/ Removed From	HRS Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Component		
				Part	Total	
24/2/87	FAS CROYDON	RAF LYNEHAM			NIL	A42A/784 640.345821
21 387	MCE	Q055 Fir	12039	NIL	NIL	
17.1.88	LYW	Q056	12526		487	REMOVED
14.1.88	LYW	Q 231	12698		487	FITTED
	LYE	Q 238	15124		996	Fir
16.5.90	LYN	REM Q 238	15653	529	1525	1885 X 222.160590
22.11.90	MCE				NIL	RECONDITIONED MTLOC2
28.11.90	LYN	Fir Q 92	13960		NIL	X REF 2375 X V300281170
14 742	LYW	Rem Q 092	14817	857	857	3616 X V300/50392

Date	Unit	Work/Task No.	Comp Life Consumed	Work Details
24.7.42	MTL	5745 SP	N.R.	RECONDITIONS) DIR 3108 REFERS M.T.L.Q.C.B
18/9/42	LYN	3930	3 HRS	BAY SERVICE C/OUT 'SATIS'
21/9/43	LYN	2406	935 HRS	BAY SERVICED SATIS
27.02.95	LYA.	.	2014	BAY SERVICED)
01.11.96	LYN	T888	3135 HRS	BAYMAINT C/OUTSATIS 0098 XV212 111096.
14/5/98	LYN	T946	4223	BAY SERVICED
15/6/99	LYN	T750	5218 HRS	BAY SERVICED

Component Record Card

MOD Form 735A
(Revised Feb 87)

Card Serial No _____ of _____

HPL 0068580 5/88 D2948

1	AIR STARTER	Authorized Life	6000 HRS / 1,000 BAY SEV.
	P 5926		

2 Transfer and Installation Details

Date	Unit From	Unit to/ Installed in/ Removed from	Q HRS Life Consumed of		Authority for Transfer/ Reason for Removal
			Support Installation	Component Part / Total	
		DUPLICATE LOG (CARL) PREVIOUS HISTORY			UNKNOWN
24.7.42	MTL	-	-	NIL	RECONDITIONS) M.T.L.Q.C.B
1/9/42	LYN	FIT Q XV307/3	19889	-	3925 XV307040992
15.9.92	LYN	Q126	15957	-	REMOVED
28.9.92	LYN	XV181 #3 (Q133)	17519	-	FIT 2144 XV181280992
19.8.93	LYN	REM Q133	16357	932	3011 XV181190893
28.5.93	LYN	FIT Q210	11035	-	6091 XV222270993
21.02.95	LYN	REM Q210 ^{XV222/4}	12114	1079	0995 XV222 210295.
19/6/96	LYN	FIT Q148	15895	-	5846 XV212 190695
18.10.96	M.A.	REM Q148	17016	1121	0098 XV 212 11 10 96
4.2.97	M.A.	FIT Q148	17016	-	0098 XV 212 11 10 96
11.5.98	LYN	REM Q148	18104	1088	1228 XV 212 040598
18.6.98	LYN	FIT Q180 #4	21443	-	0760 XV197160698
13.6.99	LYN	REM Q180	22438	995	1756 XV 197 120699.

Inspection, Test and Modification Certificate

MOD FORM 753

(Revised Dec 86)

Certified that 2" DIFF. PRESSURE REG. Mark APR23-16 392122-1-1 Serial No P2068 has been

Inspected and tested and is fit for service. ~~*Complete anti-corrosion treatment has been carried out in accordance with the current instructions.~~ *Contract No SMRAF12/1160 Job No 4000178

Total time flown/run* at Contractor's Works or Maintenance Unit N/A hours.

Engine/ECU*Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * reconditioning
- * repair

Modifications Embodied:

NIL

Modifications Removed:

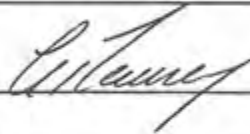
NIL

Technical Instructions Fulfilled:

NIL

Date 01/07/03

Signed



* Service
* Contractor

Authorised Signatory

At Unit/Works MICROTURBO LTD

* Delete as necessary

Approved

Stamp

M.T.L. Q.C.4

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that 2" DIFF. PRESSURE REGULATOR Mark APR23-16 Serial No 392122-1-1 P2068 has been inspected and tested and is fit for service

~~Contract No~~ *Contract No AE11B/53 Job No 5744/GA

Total time * flown / run at Contractor's Works or Maintenance Unit N/A hours.

* Engine / ECU Weight N/A C. of G. Position N/A

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- ~~reconditioning~~
- ~~repair~~

Modifications Embodied:

FAS 14

Modifications Removed:

NIL

Technical Instructions Fulfilled:

NIL

Approved Stamp



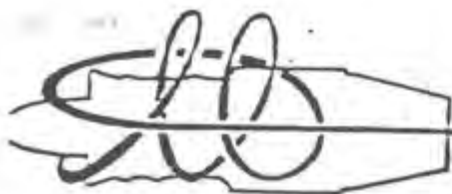
Date 14.12.90 Signed [Signature]

* ~~Service~~
* Contractor } Authorized Signatory

At ~~Works~~ Works MICROTURBO LIMITED

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM



Microturbo Limited

DEFECT INVESTIGATION — INSPECTION REPORT

D.I.R. No. 2562 W.O. No. 5744/GA		UNIT CONCERNED	
ITEM UNDER WARRANTY		DESCRIPTION <u>2" DIFFERENTIAL PRESSURE REGULATOR</u>	
NEW YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		PART No. <u>392122-1-1</u>	SERIAL No. <u>P2068</u>
WORKMANSHIP GOOD YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		MOD. S.T.D. ON RECEIPT <u>NIL</u>	
INVESTIGATION REQUESTED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		MOD. S.T.D. ON DESPATCH <u>AS RECEIVED PLUS FAS 14</u>	
INSPECTION REQUESTED		ORIGIN <u>ROYAL AIR FORCE LYNEHAM</u>	
CUSTOMER <input checked="" type="checkbox"/>		NUMBER OF STARTS <u>N/A</u>	
MICROTURBO <input type="checkbox"/>		TOTAL HOURS <u>NIL</u>	
OTHER <input type="checkbox"/>		MAIN ASSY. <u>C-130</u>	
PREVIOUSLY RECONDITIONED		DATE OF BUILD <u>19 FEBRUARY 1987</u>	
BY <u>FIELD AIRCRAFT SERVICES (CROYDON) LIMITED</u> <u>19.2.87</u>		DATE OF FAILURE <u>27 JUNE 1990</u>	
		LEAD TIME REQUESTED <u>N/A</u>	
		LEAD TIME AGREED <u>N/A</u>	
		DATE OF LAST INCIDENT/REPORT No. <u>N/A</u>	
		CUSTOMER'S ORDER No. <u>AE11B/53</u>	
		DESTINATION AFTER REPAIR <u>ROYAL AIR FORCE LYNEHAM</u>	
LIABILITY USER		REASON FOR REJECT <u>#2 ENGINE FAILED TO TURN, UNABLE TO ASSESS SERVICEABILITY.</u>	
		ORIGINATING OWNER <u>ROYAL AIR FORCE</u>	
		ACCOMPANYING DOCUMENTS, WARRANTY CLAIM ETC. <u>NONE</u>	

ADMINISTRATIVE/QUALITY CONTROL/SIGNATURES/STAMP

D.G.A.	PROJECT ENGINEER	QUALITY CONTROL	PRODUCT SUPPORT
NAME <u>P. DRAIN</u>	NAME <u>N/A</u>	NAME <u>D.E. JACKSON</u>	NAME <u>E.W. BENNETT</u>
DATE <u>14/1/90</u>	DATE _____	DATE <u>1.11.90</u>	DATE <u>2.11.90</u>
SIGNATURE <u>[Signature]</u>	SIGNATURE _____	SIGNATURE <u>[Signature]</u>	SIGNATURE <u>[Signature]</u>

DEFECT INVESTIGATION — INSPECTION REPORT

DATE OF INVESTIGATION <u>31.10.90</u>	ORIGIN OF FAILURE
PLACE <u>MICROTURBO LIMITED</u>	PRIMARY <input type="checkbox"/>
FAILURE CONFIRMED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	INDUCED <input type="checkbox"/>
	CASUAL <input type="checkbox"/>
CONDITION ON RECEIPT <u>SATISFACTORY.</u>	
CHECKS CARRIED OUT <u>TEST IN THE "AS RECEIVED" CONDITION TO CONFIRM FAULT I.A.W. T.O.9P10-4-9-3 PARA 8.</u>	
FINDINGS/PARTS REPLACED <u>FAULT CONFIRMED. VALVE WILL NOT OPERATE BELOW 4.0 BARS INLET PRESSURE.</u>	
<u>UNITS TO BE DISMANTLED, CLEANED, N.D.T. AND DETAIL INSPECTION TO A RECONDITION STANDARD.</u>	
<u>THE FOLLOWING MAJOR ITEMS WILL REQUIRE REPLACEMENT :</u>	
<u>i) 661037 - SPRING - FAILED COMPRESSION TEST.</u>	
<u>ii) 661031 - CYLINDER - IMPACT DAMAGE IN BORE.</u>	
<u>THE REMAINING ITEMS SUBJECT TO THE APPLICATION OF APPROVED PRACTICES ON ASSEMBLY SATISFACTORY.</u>	
PRIME CAUSE OF FAILURE <u>IMPACT DAMAGE TO BORE OF CYLINDER (661031).</u>	
CORRECTIVE ACTION <u>RENEW DAMAGED ITEMS, ASSEMBLE AND SUBJECT TO A SATISFACTORY TEST (T.O.9P10-4-9-3 PARA 8), RELEASE TO SERVICE FOR A FULL APPROVED LIFE TO A 392122-1-1 STANDARD.</u>	
PRODUCT SUPPORT REMARKS <u>NORMAL OVERHAUL PROCEDURES ADOPTED.</u>	
PROJECT ENGINEER'S REMARKS <u>N/A</u>	

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that 2" Diff. Press. Regulator Mark. APR23-16 Serial No. 640/0988949 has been inspected and tested, and is fit for service. * Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No. A42A/784 *Job No. 5250992

Total time *flown/run at Contractor's Works or Maintenance Unit hours.
 *Engine/E.C.U. Weight C. of G. Position

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

XXXXXXXXXXXXXXXXXXXX
 construction
 reconditioning
 repair
 XXXXXXXXXXXXXXXXXXXX

MODIFICATIONS EMBODIED: NIL

MODIFICATIONS REMOVED
NIL

2" Diff. Press. Regulator Reconditioned to T.O.
 9P10-4-9-3 Dated 1-3-68, Change Dated 15-8-85
 Inspection Report DV5250992 Refers.

Trade Packed
Eased.

TECHNICAL INSTRUCTIONS FULFILLED: NIL

Date 19/2/87 Signed [Signature] Quality Assurance Authority
 At FIELD AIRCRAFT SERVICES (CROYDON) LTD.



*Delete as necessary.

(NOTE: Continue overleaf, if necessary).

EX-MOD-AIRCRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that 2" Diff.Press.Regulator Mark APR23-16 Serial No 640/0288949 has been inspected and tested, and is fit for service. P2068

current instructions. *Contract No A42A/764 *Complete anti-corrosion treatment has been carried out in accordance with the *Job No 3250992

Total time *flown/run at Contractor's Works or Maintenance Unit hours.

*Engine/E.C.U. Weight C. of G. Position

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

XXXXXXXXXXXXXXXXXXXX
 * construction,
 * reconditioning
 * repair
 XXXXXXXXXXXXXXXXXXXX

MODIFICATIONS EMBODIED: NIL


MODIFICATIONS REMOVED NIL

2" Diff.Press. Regulator Reconditioned to T.O.
 9P10-4-9-3 Dated 1-3-68, Change Dated 15-8-85
 Inspection Report DV5250992 Refers.

Trade Packed
 Eased.

TECHNICAL INSTRUCTIONS FULFILLED: NIL

19/2/87

Date Signed [Signature]  Quality Assurance Authority
FIELD AIRCRAFT SERVICES (CHRYSDOR) LTD.
 At

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).

EX-MOD-AIRCRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that 2" Diff.Press.Regulator Mark APR23-16 Serial No 640/0988949 has been inspected and tested, and is fit for service. P2088
current instructions. *Contract No A42A/784 *Complete anti-corrosion treatment has been carried out in accordance with the *Job No 5250992
Total time *flown/run at Contractor's Works or Maintenance Unit hours.
*Engine/E.C.U. Weight C. of G. Position

MODIFICATIONS EMBODIED: NIL

MODIFICATIONS REMOVED NIL

2" Diff.Press. Regulator Reconditioned to T.O.
9P10-4-9-3 Dated 1-3-68, Change Dated 15-8-85
Inspection Report DV5250992 Refers.

Trade Packed
Eased.

TECHNICAL INSTRUCTIONS FULFILLED: NIL

Date 19/2/87 Signed [Signature] Quality Assurance Authority
FIELD AIRCRAFT SERVICES (UROYDON) LTD.
At

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).

EX-MOD-AIRCRAFT.COM

Date	Unit	Job No	Comp. Life Consumed	Work Details
4-12-90	MTL	A511/53	N/A	Reconditioning, Dir. & Seal Regs
1-7-03	MICROTURBO	4000178	4981 HRS +	DIR 9495 RECON MTL Q.C.4

M.T.L.Q.C.2

Card Serial No of **COMPONENT RECORD CARD** 5000 HRS MOD Form 735A (Revised Feb 80)

1 2" Diff. Press. Regulator, APR23-16 AUTHORIZED LIFE ~~6000~~ HOURS RECONDITIONED

2 TRANSFER AND INSTALLATION DETAILS

Date	Unit From	Unit to/ Installed in/ Removed From	Life Consumed of		Authority for Transfer/ Reason for Removal
			Support Installation	Component Part Total	
19/2/87	FAS CROYDON	RAF LYNEHAM		NIL	A42A/784 640/098949
26-2-90	M.C.E	Q085/2	13487	NIL	FITTED 0063 XV196 070290
27-6-90	M.C.E	Q085/2	13487	NIL	REMOVED 0220X/196 290690
14-12-90	MTL			NIL	RECONDITIONED MTL Q.C.2
13-3-95	LYN	Q076/42	17590	NIL	FITTED 2383 XV181 (3039)
25-10-02	LYN	REM Q076	22571 ¹⁰	4981 ¹⁰	1081 XV199 201002
1-7-03	MICROTURBO			NIL	RECONDITIONED MTL Q.C.4
5-8-03	LYNEHAM	FIT Q102	24600 ⁴⁰	NIL	5404 XV221210703
16-6-04	LYN	REM Q102	24804 ³⁵	203 ⁵⁵	1504 XV197 020604
22-12-05	LYN			203 ⁵⁵	REPAIRING
14-4-08	LYN	FIT Q035	26414 ⁰⁰	203 ⁵⁵	4530 XV177 120308

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark T56-A15 Serial No 197412BR has been

Inspected and tested and is fit for service. *Complete anti-corrossion treatment has been carried out in accordance with the

current instructions. *Contract No SMC22B2/212 Job No 690-801

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

- * construction
- * ~~reconditioning~~
- * repair

Repaired @ 5651.25 hours T.S.O.

Modifications Embodied: Brit Mods 13, 235 & 362 pt A found embodied.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Approved
Stamp

Date 28/04/04

Signed



* Service
* Contractor

} Authorized Signatory

At Unit/Works Sigma Aerospace Ltd

SIGMA
052
**

* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark T56-A15 Serial No 197412BR has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 690-801

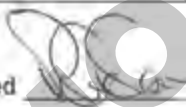
Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during repair @ 5651.25 hours T.S.O. } * construction
*reconditioning
* repair

Modifications Embodied: Brit Mods 13, 235 & 362 pt A found embodied.

Modifications Removed: Nil

Technical Instructions Fulfilled: Nil

Date 28/04/04 Signed 
Unit/Works Sigma Aerospace Ltd

* Service } Authorized Signatory
* Contractor }



Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark T56-A15 Serial No 197412BR has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No SMC22B2/212 Job No 690-801


Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.
Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during repair @ 5651.25 hours T.S.O. } * construction
*reconditioning
* repair

Modifications Embodied: Brit Mods 13, 235 & 362 pt A found embodied.

Modifications Removed: Nil.

Technical Instructions Fulfilled: Nil.

Date 28/04/04 Signed 
Work Unit/Works Sigma Aerospace Ltd

* Service } Authorized Signatory
* Contractor }



Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark T56-A15 Serial No 197412BR. has been inspected and tested and is fit for service.

*Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 417 000 1630

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired at 736:00 hrs. T.S.O.

construction
 reconditioning
 repair

Modifications Embodied: Nil

MODIFICATIONS FOUND EMBODIED:- 13, 235, 260 & 327.

Modifications Removed: Nil

Technical Instructions Fulfilled: Nil

Date 26-04-95 Signed _____
Unit/Works Hunting Aviation Ltd., A.E.D.

Service
 Contractor } Authorized Signatory

Approved
Stamp



Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark - Serial No 197412BR has been inspected and tested and is fit for service *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 417 000 8141

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

Engine / ECU Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired at 22:00 Hrs. T.S.O.

- * construction
- * rectification
- * repair

Modifications Embodied:

MODIFICATIONS FOUND EMBODIED:- 13,235,260 & 327.

Modifications Removed:

Nil

Technical Instructions Fulfilled:

Nil

Approved Stamp



Date 19-11-90 Signed _____

* Service
* Contractor } Authorized Signatory

At Unit / Works Field Airmotive Limited.

Delete as necessary

(NOTE: Continue overleaf if necessary).

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Control Unit Mark - Serial No 197412BR has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 417 000 8009

Total time * flown / run at Contractor's Works or Maintenance Unit _____ hours.

Engine / ECU Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Repaired at Nil Hrs. T.S.O.

- * reconstruction
- * reconditioning
- * repair

Modifications Embodied: 327

Modifications Found Embodied 13, 235, 260

Modifications Removed:

Nil

Technical Instructions Fulfilled:

Nil

Date 20-02-90 Signed _____

At Unit / Works Field Airmotive Limited

* Service-
* Contractor } Authorized Signatory



(NOTE: Copies needed if necessary)

EX-MODIAIRCHRAFT.COM

INSPECTION, TEST AND MODIFICATION CERTIFICATE

MOD Form 753

Certified that 6892328 Mark..... Serial No. 197412BR has been inspected and tested, and is fit for service. * Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No. A29B/0844 *Job No.
Total time ~~* flown/run at Contractor's Works or Maintenance Unit~~ hours.
*Engine/E.C.U. Weight..... C. of G. Position

List of modifications embodied or removed, and special technical instructions and other orders fulfilled during

construction,
 reconditioning
 repair

MODIFICATIONS EMBODIED:

MODIFICATIONS REMOVED

CP 5032
BRIT MOD 13

TECHNICAL INSTRUCTIONS FULFILLED:

Date 6.3.87 Signed LUCAS AEROSPACE LTD At

JLMS RELEASE
No. 13 SIGNATORY


Quality Assurance Authority
FOR CHIEF INSPECTOR

*Delete as necessary.

(NOTE: Continue overleaf, if necessary).

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that PROPELLER 1610-00-7835191 Mark 54H60-91 Serial No MFG240160 has been
inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No 6532033057 Job No 1689F

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during construction
 ~~reconditioning~~
 repair

Modifications Embodied:

REPAIRED TO T.O. 3H1-18-3.
FITTED WITH PITCHLOCK S/NO. PSD0920.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

AS PREVIOUS INSPECTION CERTIFICATE DATED 29/01/2009.

Date 16/11/2011 Signed [Signature] * ~~Service~~ Authorized Signatory
* Contractor
At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

Approved
Stamp

DAP R&O
48

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that PROPELLER 1610-00-7835191 Mark 54H60-91 Serial No MFG240160 has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No 7144135 Job No 1413B

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input type="checkbox"/> construction
<input type="checkbox"/> reconditioning
<input type="checkbox"/> repair

Modifications Embodied: BRIT MOD(S): 4
RECONDITIONED TO T.O. 3H1-18-3.
FITTED WITH PITCHLOCK 767999-1 S/NO. PSD0920.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:
SI 48 & STI 67 SATISFIED.
SB 65, 88, 100, 127, 132, 138, 143, 146, 147 & 150 SATISFIED.

Date 29/01/2009 Signed 

<input type="checkbox"/> Service
<input type="checkbox"/> Contractor

 Authorized Signatory

At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

* Delete as necessary

Approved Stamp


(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that PUMP HOUSING 1610-00-0058685 Mark 733872-2 Serial No SE11797 has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No 6532033057 Job No 1689F

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during ~~construction~~
 ~~reconditioning~~
 repair

Modifications Embodied:

REPAIRED TO T.O. 3HA2-7-3.
ASSEMBLED AND TESTED WITH VALVE HOUSING 714325-5 S/NO. C5994.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

AS PREVIOUS INSPECTION CERTIFICATE DATED 10/09/2007.

Date 31/10/2011 Signed  * ~~Service~~ Authorized Signatory
* Contractor

At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

Approved Stamp
DAP R&O 48

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

Certified that PUMP HOUSING 1610-00-0058685 Mark 733872-2 Serial No SE11797 has been

Inspected and tested and is fit for service. *Complete anti-corrossion treatment has been carried out in accordance with the current instructions. *Contract No 7144135 Job No 0402B

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during ~~construction~~ ~~reconditioning~~ ~~repair~~

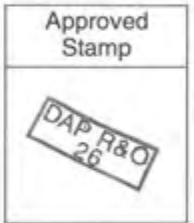
Modifications Embodied:

RECONDITIONED TO T.O. 3HA2-7-3.
ASSEMBLED AND TESTED WITH VALVE HOUSING 714325-5 S/NO. C7494.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

SB 131 SATISFIED.



Date 10/09/2007

Signed

Service
 Contractor

Authorized Signatory

At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

10 Maintenance, Major Repairs and Reconditioning				
Date	Unit	Work/Task No	Comp Life Consumed	Work Details
PREVIOUS HISTORY UNKNOWN				
10/03/1992	DAAS-G	91-1597	5000 F/H	RECONDITIONED
10/09/2007	DPRO	0402B	9841:05 F/H	RECONDITIONED
31-10-11	DPRO	1689F	10799:30 F/H	REPAIRED
31-10-11	DPRO	1689F.	11363:34 F/H	REPAIRED.
DAP & RG 90				

Card Serial No: 1 of 2 **Component Record Card** PPQ = 100 MOD Form 735A (Revised Jan 90)

1		AUX MOTOR 55688		Authorized Life 5000 F/H	
S/NO. 4949A					
2		Transfer and Installation Details			
Date	Unit From	Unit to/ Installed in/ Removed from	Life Consumed		Authority for Transfer/ Reason for Removal
			Support Installation	Component Part Total	
10/09/2007	DPRO	RAF LYNEHAM		NIL NIL	RECONDITIONED
22-10-07	LYN	FIT XV177/4	28107 ⁴⁰	— 0	4162 XV177 091007
4-12-07	LYN	REM XV177/4	28252 ⁰⁵	144 ²⁵ 144 ²⁵	4298 XV177 291107
10-12-07	LYN	FIT XV200/2	26723 ⁵⁰	— 144 ²⁵	3169 XV 200 101207
4-11-08	LYN	REM XV200/2	27459 ²³	735 ³⁵ 880 ⁰⁰	4130 XV 200 301008
30-4-09	LYN	FIT XV200/3	27743 ⁰⁰	— 880 ⁰⁰	4563 XV 200 230409
25-5-10	LYN	REM XV 200/3	27821 ⁰⁵	78 ⁰⁵ 958 ⁰⁵	5768 XV 200 220510
05/10/10	MA	FIT XV214/2	29137⁴⁵	— 958⁰⁵	0337 XV214 031010
23/10/10	MA	FIT XV214/2	28802 ²⁵	— 958 ⁰⁵	2053 XV214 270710
31-10-11	DPRO	RAF BERZENOTE		968⁰⁵	REPAIRED
02/SEP/11	B2J	REM XV214/2	29306 ⁴⁸	504 ²³ 1462 ²⁸	4146 XV214 020911
31-10-11	DPRO	RAF BERZI Node 6	—	— 1462 ²⁸	REPAIRED ON SK 1689F.
09/02/13	B2J	FIT XV209/1	29526 ²⁰	— 1462 ²⁸	5979 XV209 090213

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)
PPQ = 50

Certified that VALVE HOUSING 1610-01-0162196 Mark 714325-5 Serial No C5994 has been
Inspected and tested and is fit for service. *Complete anti-corrossion treatment has been carried out in accordance with the
current instructions. *Contract No 6532033057 Job No 1689F

~~Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.~~

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

* construction
* <input checked="" type="checkbox"/> reconditioning
* repair

Modifications Embodied:

RECONDITIONED TO T.O. 3HA2-7-3.
ASSEMBLED AND TESTED WITH PUMP HOUSING 733872-2 S/NO. SE11797.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:

Date 31/10/2011 Signed  * ~~Service~~ * Contractor Authorized Signatory
At ~~Unit~~/Works DOWTY PROPELLERS REPAIR & OVERHAUL

Approved
Stamp

DAP R&O
48

* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

Certified that PITCHLOCK 1610-01-1023010 Mark 767999-1 Serial No 4042A has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No C130K/2120 Job No 02-0645

Total time flown/run² at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

<input checked="" type="checkbox"/> construction
<input checked="" type="checkbox"/> reconditioning
<input checked="" type="checkbox"/> repair

Modifications Embodied:
BRIT MODS: 1.
RECONDITIONED TO T.O. 3H1-18-3.
FITTED TO PROPELLER 54H60-91 S/NO. N226525.
PACKED IN SPECIAL TO TYPE CONTAINER.

Modifications Removed:

Technical Instructions Fulfilled:
SB 127 SATISFIED.

Date 28.02.2006 Signed [Signature]
At Unit/Works DOWTY PROPELLERS REPAIR & OVERHAUL

Service
 Contractor } Authorized Signatory



* Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that FUEL NOZZLES Mark T56-A-15 Serial No SEE BELOW has been

Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.

*Contract No 4000112048 Job No 124-589 (29-6375).

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during

REPAIRED I.A.W. ITEM 50. SET CODE NK 1-6 T.S.O. 1,938.38.Hrs..

- * construction
- * ~~reconditioning~~
- * repair

Modifications Embodied:

FUEL NOZZLES CODED INTO ENGINE SET.

Serial No's :- 4934, 4837, 4848, 4862, 4899, 4909.

Modifications Removed:

Nil.

Technical Instructions Fulfilled: UK Supplement No 1, Embodied this Shop Visit. REPAIRED, and TESTED I.A.W. T.O.2J-T56-53, & CUSTOMERS SPECIFICATIONS.

Approved
Stamp

VAES
002
UK

Date 01/06/09

Signed _____

* Service
* Contractor

Authorized Signatory

At Unit/Works Vector Aerospace Engine Services UK Ltd

* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that FUEL NOZZLES Mark T56-A15 Serial No SEE BELOW has been
Inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No SMC22B2/212 Job No 630/96 (21 10277)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
SET NK 1-6 REPAIRED @ 2478:00 HOURS T.S.O.

- ~~EXAMINATION~~
- ~~REPAIRING~~
- repair

Modifications Embodied:

NOZZLES CODED INTO ENGINE SET.

SERIAL Nos. 4934, 4862, 4837, 4899, 4909, 4848.

Modifications Removed:

NIL.

Technical Instructions Fulfilled:

TECH NOTES 269 & 274.

Date 31-05-2001

Signed

B. Marshall

~~EXAMINER~~
 Contractor

Authorized Signatory

At Works SIGMA AEROSPACE LIMITED.

Approved
Stamp

SIGMA
0283
**

* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Nozzles Mark T56-A15 Serial No See below has been
inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the
current instructions. *Contract No SMC22B2/212 Job No 99-10162 (450-1729)

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during _____
Set NK - Repaired @ 1964:00 hrs. T.S.O. ~~corrosion~~
 ~~rework~~
 repair

Modifications Embodied:

NOZZLES CODED INTO ENGINE SET

Ser. No's: 4899, 4934, 4837, 4862, 4909, 4848.

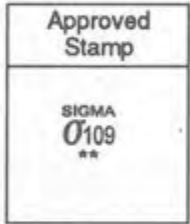
Modifications Removed:

Nil.

Technical Instructions Fulfilled: Tech Notes 269 & 274.

Date 22-05-1999 Signed *[Signature]*
At ~~Unit~~/Works Sigma Aerospace Ltd.

Service
 Contractor Authorized Signatory



* Delete as necessary

(NOTE: Continue overleaf if necessary)

Inspection, Test and Modification Certificate

Certified that Fuel Nozzles Mark T56-A15 Serial No See below has been inspected and tested and is fit for service.
 *Complete anti-corrosion treatment has been carried out in accordance with the current instructions.
 *Contract No AE11B/87 Job No 417 000 9613

Total time flown/run* at Contractor's Works or Maintenance Unit _____ hours.

Engine/ECU* Weight _____ C. of G. Position _____

List of modifications embodied or removed and special technical instructions and other orders fulfilled during
 Set NK.
 * construction
 * reconditioning
 * repair

Modifications Embodied:

NOZZLES COLOUR CODED INTO ENGINE SET
Ser. No's: 4899,4934,4837,4862,4909,4848.

Modifications Removed: Nil

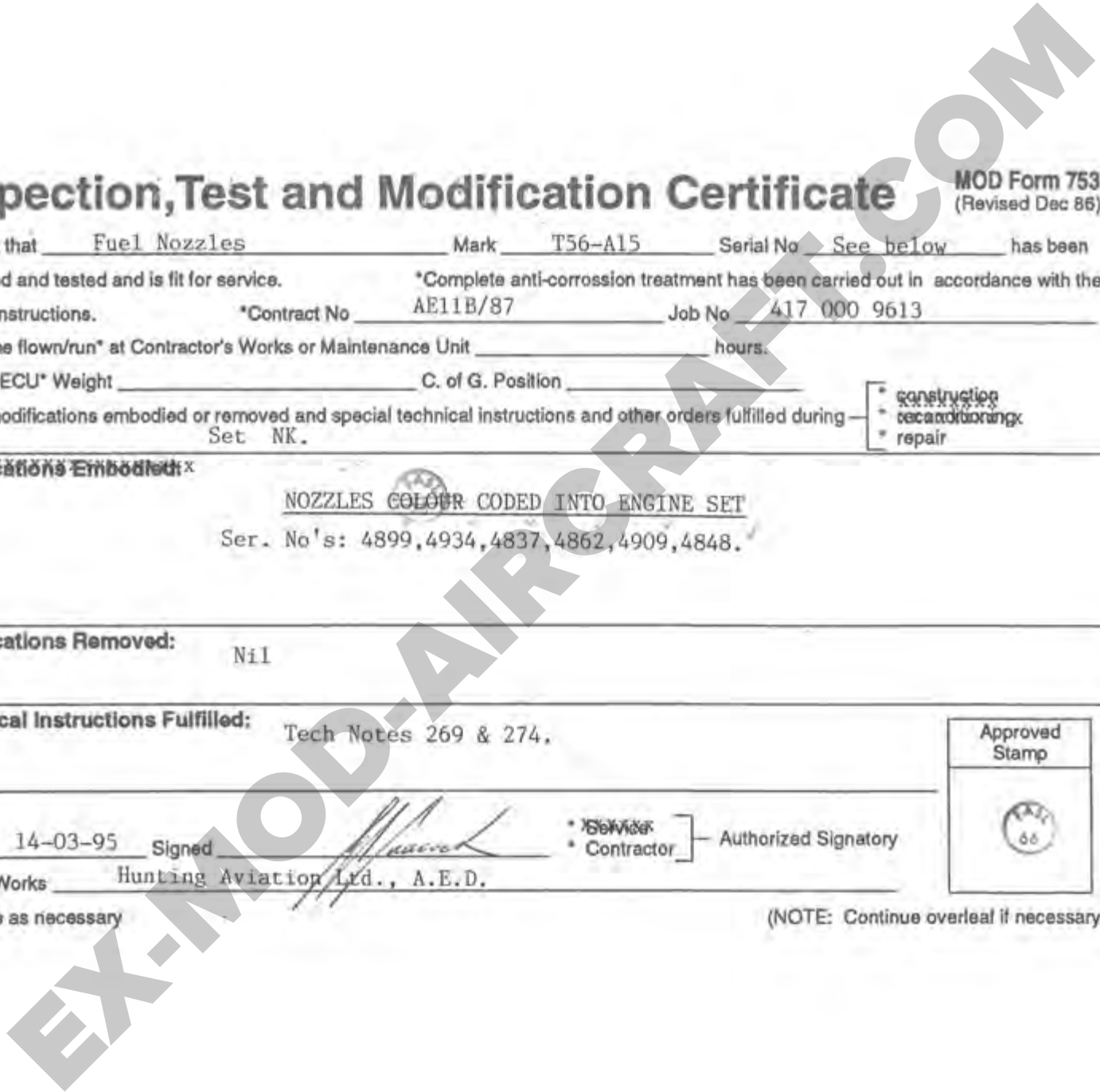
Technical Instructions Fulfilled: Tech Notes 269 & 274.



Date 14-03-95 Signed [Signature]
 * ~~Service~~ Contractor] Authorized Signatory
 At Unit/Works Hunting Aviation Ltd., A.E.D.

* Delete as necessary

(NOTE: Continue overleaf if necessary)



Inspection, Test and Modification Certificate

MOD Form 753
(Revised Dec 86)

Certified that Fuel Nozzles Mark T56-A15 Serial No See Below has been inspected and tested and is fit for service. *Complete anti-corrosion treatment has been carried out in accordance with the current instructions. *Contract No AE11B/87 Job No 450 000 0667

Total time * flown / run at Contractor's Works or Maintenance Unit: _____ hours.

Engine / ECU Weight _____ C. of G. Position _____
List of modifications embodied or removed and special technical instructions and other orders fulfilled during: construction reconditioning repair

SET NK.

Modifications Embodied:

NOZZLES COLOUR CODED INTO ENGINE SET

Serial Nos. 4934, 4899, 4862, 4837, 4848 & 4909.

Modifications Removed:

Nil

Technical Instructions Fulfilled:

Tech Notes 134 issue 3, 224 & 245.

Approved Stamp



Date 20-07-92 Signed _____

Service Contractor } Authorized Signatory

At Works Field Airmotive Limited.

Delete as necessary

(NOTE: Continue overleaf if necessary)

EX-MOD-AIRCRAFT.COM

Component Record Card

MOD Form 735A
(Revised Feb 87)

Card Serial No. 1 of 1

HPL 8068582 5/88 D2048

1	Fuel Nozzles	Authorized Life <u>2000^{HRS}</u> <u>4TH LINE SERVICING LIFE</u>
	SET NK	

2 Transfer and Installation Details

Date	Unit From	Unit to/ Installed in/ Removed from	Life Consumed of			Authority for Transfer/ Reason for Removal
			Support Installation	Component		
				Part	Total	
20-07-92	F.A. Ltd.	Lyneham	-	-	Nil	640/700720L
7.9.92	MA	Q 207	15770		NIL	FITTED.
8.7.94	LYNEHAM	Q 207	16845	1075	1075	Removed (1067XV201090594)
14-03-95	HUNTING	LYNEHAM	-	NIL	1075	640/767981M - REPAIRED
17.10.95	LYN	Q011	16844	-	1075	2651XV297150795
18.10.95	LYN	Q011	16844	-	1075	2651XV297150795
21.10.97	LYN	Q 2042	14973	-	1075	0862XV301260696
			Q HRS	PART	TOTAL	RUNNING TOTAL
13-11-98	LYN	Rem Q 042	15862	889	1964	1964 1750 XV 212 291098
22-5-99	SIGMA A/S	LYNEHAM	-	NIL	NIL	1964 REPAIRED 640/307048S
20-07-92	MA	Q 207				
13/07/99	LYN	Q 179 / XV 299	2280.8	NIL	NIL	1964 0744 XV 299 12/07/99 #2
18-10-00	LYN	: RANQ 179	23323	514	514	2478 3102 XV 303 010900
1/05/01	SIGMA AERO LTD	LYNEHAM		NIL	NIL	2478 REPAIRED 640 No 287534T

