

# MTW Aerospace, Inc.

## Turbine Aircraft Parts

7050 Hwy 80 West  
 Montgomery, AL 36108  
 Phone: 334-613-2025 Fax 334-777-0078  
 Email: phil@mtwaerospace.com  
 Website: www.mtwaerospace.com

### ENGINE DISC RECORD SHEET

ENGINE MODEL:	ARRIEL 2 S2	TSN:	1265.10	TSO:	N/A
ENGINE S/N:	42420TEC	CSN NG	2249.69	CSO NG	N/A
MFG TBO:	4000	CSN NTL	1736.04	CSO NTL	N/A
		POS:	RIGHT		

ENGINE OVERHAUL COMPONENTS	P/N	SN	LIMIT HRS	LAST DONE	TSN	NEXT DUE	REMAINING
MODULE 1 ACCESSORY GEARBOX	70BM017800	7289	4000	0	1265.10	4000	2734.90
MODULE 2 COMPRESSOR	70BM027800	8087	4000	0	1265.10	4000	2734.90
MODULE 3 GAS GENERATOR	70BM037800	28000	4000	0	1265.10	4000	2734.90
MODULE 4 FREE TURBINE	70BM041750	25051	4000	0	1265.10	4000	2734.90
MODULE 5 REDUCTION GEARBOX	70BM057800	11582	4000	0	1265.10	4000	2734.90

COMPONENTS LLP	P/N	SN	LIFE LIMIT		TSN/CSN	REMAIN
			HRS/CYC			
MOD 2 WHEEL AXIAL COMPRESSOR	2292153370	1362FB	22000	CYC	2249.69	19750.31
MODULE 2 BEARING FWD	9609000486	8305	OC	HRS	592.06	OC
MODULE 2 BEARING AFT	9609000486	8304	OC	HRS	592.06	OC
MOD 2 BEARING BEVEL GEAR	9606490202	26353	OC	HRS	592.06	OC
MOD 3 HP TURBINE DISK	2292260060	M522AD	17000	CYC	2249.69	14750.31
MOD 3 CENTRIFUGAL IMPELLER	0292260110	5307OTT	22000	CYC	2249.69	19750.31
MOD 3 WHEEL INJECTION	2292260750	7153AD	10000	CYC	2249.69	7750.31
MOD 3 BLADES HP TURBINE	229226A030	48807	10000	CYC	2249.69	7750.31
MOD 3 BLADES HP TURBINE	229226A030	48807	4000	HRS	1265.10	2734.90
MOD 3 BEARING	9609000493	4450	OC	HRS	592.60	OC
MOD 4 FREE TURBINE DISK	2292810790	2286TY	22000	CYC	1736.04	20263.96
MOD 4 FREE TURBINE NUT	0292810450	3755EPS	4000	HRS	1265.10	2734.90
MOD 4 BLADES FREE TURBINE	229281A010	117670	10000	CYC	1736.04	8263.96
MOD 4 BLADES FREE TURBINE	229281A010	117670	7500	HRS	1265.10	6234.90
MOD 4 BEARING -FRONT	9609000554	4374	OC	HRS	1265.10	OC
MOD 4 BEARING - REAR	9609000166	21347	OC	HRS	1265.10	OC
MODULE 5 SLEEVE ASSY	292717600	3050TMA	4000	HRS	1265.10	2734.90
MODULE 5 NUT SPLINED	292710510	3894EPS	4000	HRS	1265.10	2734.90
MOD 5 BEARING OUTPUT GEAR FRT	9609000489	4977	3850		1265.10	2584.90
MOD 5 BEARING OUTPUT GEAR REAR	9609000514	4421	3850		1265.10	2584.90
MOD 5 BEARING	9609000675	2249	OC		592.60	OC
MOD 5 BEARING	9609000675	2253	OC		592.60	OC
MOD 5 BEARING INTERMEDIATE GEAR	9609000676	5588	OC		592.60	OC
MOD 5 BEARING INTERMEDIATE GEAR	9609000676	5605	OC		592.60	OC

ACCESSORIES							
	P/N	SN	TSN or TSO	TBO	TSO	TSI	REM
ELECTRONIC CTRL UNIT	70BML01000	8470	1265.1	OC			OC
FLECTOR SET	0292907340	210	1265.1	3000			1734.90
PUMP & METERING VALVE ASSY	0292861930	45168	1265.1 TSN	3500			2234.90
VALVE ASSY - ADJUSTED	0292958070	3408	1265.1	OC			OC

Last Major Shop Visit  
 IN SERVICE DATE JULY 11, 2011

**AD & SB Status****MOD 1 ACCESSORY GEARBOX PN 70BM017800 SN 7289**

No MODIF	SB	Applied
8	292722008	EN BASE
34	292722034	EN BASE
41	292722041	EN BASE
61	292722061	EN BASE
68	292722068	EN BASE
78	292722078	EN BASE
81	292722081	EN BASE
90	292722090A	EN BASE
122	292722122	EN BASE
154	292722154	EN BASE

MSB292722861A C/W

TMSB 292722860 C/W

**MOD 3 GAS GENERATOR PN 70BM037800 SN 28000**

No MODIF	SB	Applied
10	292722010	EN BASE
13	292722013	EN BASE
17	292722017	EN BASE
22	292722022	EN BASE
33	292722033	EN BASE
44	292722044	EN BASE
51	292722051	EN BASE
63	292722063	EN BASE
71	292722071	EN BASE
103	292722103	EN BASE
104	292722104	EN BASE
152	292722152	EN BASE
162	292722162	EN BASE
164	292722164	EN BASE

**MOD 2 COMPRESSOR PN 70BM027800 SN 8087**

54	292722054	EN BASE
70	292722070	EN BASE
116	292722116	EN BASE
153	292722153	EN BASE

**MOD 4 FREE TURBINE PN 70BM041750 SN 25051**

4	292722004	EN BASE
6	292722006	EN BASE
23	292722023	EN BASE
46	292722046	EN BASE
59	292722059	EN BASE
84	292722084	EN BASE
146	292722146	EN BASE
	292722843	APPLIED

**MOD 5 REDUCTION GEAR PN 70BM057800 SN 11582**

7	292722007	EN BASE
37	292722037	EN BASE
57	272922057	EN BASE
69	292722069	EN BASE
72	292722072	EN BASE
99	292722099	EN BASE
100	292722100	EN BASE
119	292722119	EN BASE