

MTW Aerospace, Inc.

Turbine Aircraft Parts

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ENGINE DISC RECORD SHEET

ENGINE MODEL:	250-C20B	TSN:	1924.7	CSN:	3825
ENGINE S/N:	CAE-835000	TSO:	503.4	CSO:	734
POS:	#1	TSR:	55.3	CSR:	139
TBO:	3500	TSHSI	NA		

*Compressor & Turbine Overhauled July 2003, Standard Aero Ltd, Concord, NC. Modified/Repaired 2012, Standard Aero Ltd
 Gearbox Overhauled Oct 2006, Standard Aero Ltd, Concord, NC*

MODULE - COMPRESSOR ASSY PN 6890550 SER: CAC-39753 TSN: 1951 CSN: 3825 TSO: 529.7 CSO: 734

COMPONENT	P/N	SN	HR	CL	TS	CS	HR	CL
			LIMIT	LIMIT	NEW	NEW	REMAIN	REMAIN
Impeller	23058147	KR59176	3550	9150	1924.7	3825	1625.3	5325
1st STG Compressor Wheel	23057111	KR107750	15000	30000	503.4	734	14496.6	29266
2-3 STG Compressor Wheel	23057112	KR103674	15000	30000	503.4	734	14496.6	29266
4th STG Compressor Wheel	23057114	KR78110	15000	30000	503.4	734	14496.6	29266
5th STG Compressor Wheel	23057115	KR108252	15000	30000	503.4	734	14496.6	29266
6th STG Compressor Wheel	23057116	KR104867	15000	30000	503.4	734	14496.6	29266
Coupling Adapter	23076559-2	GK645424			55.3	139		
Spur Gearshaft	23031922	UG12277			503.4	734		
Tie Bolt	6871259	UG14467			503.4	734		

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MODULE - GEARBOX ASSY PN 6894171 SER: CAG-39753 TSN: 1951 CSN: 3825 TSO: 224.8 CSO: 314

Overhauled Oct 2006, Standard Aero Ltd, Concord, NC

MODULE - TURBINE ASSY PN 23069745 SER: CAT-22791 TSN: 1951 CSN: 3805 TSO: 529.7 CSO: 734

COMPONENT	P/N	SN	HR	CL	TS	CS	HR	CL
			LIMIT	LIMIT	NEW	NEW	REMAIN	REMAIN
1st STG Turbine-Wheel	23073853	X527213	1775	3000	503.4	734	1271.6	2266
2nd STG Turbine-Wheel	23073854	X509077	1775	3000	503.4	734	1271.6	2266
3rd STG Turbine-Wheel	23065818	X520080	4550	6000	503.4	734	4046.6	5266
4th STG Turbine-Wheel	23055944	X524520	4550	6000	503.4	734	4046.6	5266
GP TIEBOLT	23068265			9000		734		8266
1ST STG Nozzle Shield	23084382	NSN			55.3	139		

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 Turbine Repaired Feb 2012, Standard Aero Ltd, Concord, NC*

AD2005-10-13	Containment Ring Embodied
AD2006-13-06	Found embodied
CEB-A-1253 R4	1st & 2nd nozzles modified for containment ring
CEB-A-1254 R3	Found embodied
CEB-A-1255R4	Containment ring installation
CEB-A-1370 R6	1st nozzle shield inspection
CEB-A-1276 R3	Found embodied
CEB 1399 R1	Inspect G.P. sump nut
CEB 1406 R1	GP Forward lab seal replacement

ACCESSORIES

Fuel Nozzle	23077068	AG67364	TSO: 304.80
Bleed Valve	23053176	FF29498	TSO: 438.90
PT Governor	23065123	22105	TSO: 55.3
	2524667-15		CSO: 139
Fuel Pump	6899253	T100363	TSO: 1998.70
Fuel Control	2524644-24N	84490063	TSO: 1207.80