

# Standard Aero - Houston

ENGINE SERIAL NO. **111178**

CUSTOMER:

DATE: 19-Sep-08

TSN: **2476.4**

CSN: **2260**

WORK ORDER # 248971

MANUFACTURE DATE: 24-Mar-98

ENGINE MODEL NO. 20R-1B

ENGINE P/N: 3060020-11

POSITION: 2

OIL TYPE: Mobil 254

NOTE: MPI

ACREGNO: XC-VMC

ACSN: 028

RESEARCH BY: Krepel

MAJOR INSPECTION INTERVAL: **2500**

## INSPECTIONS

CORE INSPECTION INTERVAL: **5000**

INSPECTIONS:	C/W:	DUE:	HRS REMAIN:	INSPECTIONS:	C/W:	DUE:	HRS REMAIN:
150-250hr.:	2210.3	2460.3	-16.1	2500hr. MAJOR:	0.0	2500.0	23.6
300-440hr.:				5000hr. CORE:	0.0	5000.0	2523.6
500-650hr.:	1159.1	1809.1	-667.3				
500-840hr.:	1159.1	1999.1	-477.3				
1000-1300hr.:	1159.1	2459.1	-17.3				
1500-1640hr.:	1159.1	2799.1	322.7				

HOUR/CYCLE RATIO  
OVER THE PAST YEAR: 0.9176 hours per cycle

## LIFE LIMITED PARTS

HOUR/CYCLE RATIO  
OVER LIFE OF ENGINE: 1.0958 hours per cycle

C O R E	L E V E L	PART NAME	PART NUMBER	SERIAL NUMBER	CYCLE LIMIT	TOTAL HOURS	TOTAL CYCLES	CYCLES REMAIN	* EST. HOURS
		TIE ROD	3074744- 1	971119500134		2476.4	2260	N/A	
		1ST STG LP COMPRESSOR	3070440-20 3060372-1	970316001263	10000	2476.4	2260	7740	8481
		2ND STG LP COMPRESSOR	3072416-13 3060373-1	970316001885	10000	2476.4	2260	7740	8481
		3RD STG LP COMPRESSOR	3072417-12 3060374-1	970316002602	20000	2476.4	2260	17740	19439
		4TH STG LP COMPRESSOR	3075351-12 3075326-5	970350105184	20000	2476.4	2260	17740	19439
		HP COMPRESSOR	3060371- 1	975332201243	8000	2476.4	2260	5740	6290
		HP SHAFT	3060366- 1	98P04617		2476.4	2260	N/A	
		PLENUM	3060534- 3	98P02390		2476.4	2260	N/A	
		FAN SPINNER	3060156 - 2	980811400131	20000	2476.4	2260	17740	19439
		FAN DISK	3060155-4 3060287-1	960322908316	20000	2476.4	2260	17740	19439
		FAN SHAFT	3060180- 1	960339000396		2476.4	2260	N/A	
		HPT FORWARD COUPLING	3060502- 2	98P03017		2476.4	2260	N/A	
		HPT ROTOR AIR SEAL	3060698- 2	971903300282	7000	2476.4	2260	4740	5194
		HPT ROTOR SEAL PLATE	3060514- 1	960322908211	10000	2476.4	2260	7740	8481
		HP TURBINE	3060555-3 3060691-1	971217200442	3000	2476.4	2260	740	811
		HPT AFT COUPLING SEAL	3060599- 2	98P04652		2476.4	2260	N/A	
		TRANSITION DUCT	3060694- 4	98P00917		2476.4	2260	N/A	
		LPT1 NOZZLE	3060666- 7	98P03594		2476.4	2260	N/A	
		LPT1 NOZZLE SEAL SUPPORT	3060693- 1	98P02506		2476.4	2260	N/A	
		LPT1 NOZZLE SEAL	3073765- 12	98P03712		2476.4	2260	N/A	
		1ST STG LP TURBINE	3060656-3 3060625-1	960322905776	12000	2476.4	2260	9740	10673
		2ND STG LP TURBINE	3060608-2 3060611-1	960322904220	12000	2476.4	2260	9740	10673
		3RD STG LP TURBINE	3060626-6 3060671-2	970322903189	12000	2476.4	2260	9740	10673

Caution

\*Calculated from Hour/Cycle Ratio over Life of Engine

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## ACCESSORIES

PART NAME	PART NUMBER	SERIAL NUMBER	SERIES	ENGINE HOURS AT INSTALLATION	ENGINE CYCLES AT INSTALLATION	TOTAL HOURS	TOTAL CYCLES
EEC / DEEC	2118882 - 1007	56-J0032	3	0.0	0	2476.4	2260
FUEL CONTROL	3070800 - 28	13648	1	0.0	0	2476.4	2260
FUEL PUMP	3060760 - 1	0331	N/A	0.0	0	2476.4	2260
ACCESSORY GEARBOX	3060827 - 3	S-485	1	0.0	0	2476.4	2260
TRANSFER GEARBOX	3070093 - 13	P8774	1	0.0	0	2476.4	2260
OIL PUMP	3060701 - 6	98-14057-0127	N/A	0.0	0	2476.4	2260
MOTIVE FLOW FUEL PUMP	3060759 - 1	0243	N/A	0.0	0	2476.4	2260

TOTAL HOURS ON #4 and 5 CARBON SEALS: 2476.4

NOTES:

## AIRWORTHINESS DIRECTIVES

LEGEND: N/A - NOT APPLICABLE    PCW - PREVIOUSLY COMPLIED WITH    C/W - COMPLIED WITH    REP - REPETITIVE    VER - VERIFY

AD#	Status		SB#	Description
<u>98-10-15</u>	N/A per Engine Model	19-Sep-08	73-5111	REPLACE FUEL LINE TO PREVENT FUEL FROM SPRAYING ON ELECTRICAL CO
<u>99-07-19</u>	N/A per Engine Model	19-Sep-08	73-5119	REPLACE FUEL LINE TO PREVENT FUEL FROM SPRAYING ON ELECTRICAL CO
<u>2008-02-19</u>	N/A per Disk P/N	19-Sep-08	A72-5185	INSPECT/REPLACE SPECIFIC ID HPT ROTOR DISK