

Mesa Police Air Unit

Operator:

Registration	N503MP	Serial No.	414E
Manufacture	MDHC	Model No.	500E
Hobbs Time	13,699.9	Total TE's	17,782
Airframe Total Time	20,076.1		
Engine Total Time			

IN=Insp RT=Retire OH=Overhaul  
CY=Cycles MO=Month

THIS TIME SHEET IS NOT ACCURATE

Component Desc.	Part Number	Serial Number	SC	Remaining	Hrs. at Inst	At Inst	Total Time	Life	Due At	Messages	Part Status	TE's
M/R Blade	500P2100-103	E885	RT	82.8	3,447.2	20,076.1	3,447.2	3,530	20,158.9		Accurate	3,999
M/R Blade	500P2100-103	E886	RT	82.8	3,447.2	20,076.1	3,447.2	3,530	20,158.9		Accurate	3,999
M/R Blade	500P2100-103	E887	RT	82.8	3,447.2	20,076.1	3,447.2	3,530	20,158.9		Accurate	3,999
M/R Blade	500P2100-103	E888	RT	82.8	3,447.2	20,076.1	3,447.2	3,530	20,158.9		Accurate	3,999
M/R Blade	500P2100-103	E889	RT	82.8	3,447.2	20,076.1	3,447.2	3,530	20,158.9		Accurate	3,999
M/R Hub	369D21200-503	002222-2619	RT	95.7		17,401.8	2,674.3	2,770	20,171.8		Accurate	
M/R Swashplate	369D27609-501	4192	OH	95.7		17,401.8	2,674.3	2,770	20,171.8		Accurate	
T/R Blade Outboard	369D21615-31	009999-1711	RT	122.9	9,877.1	20,076.1	9,877.1	10,000	20,199.0		Accurate	
Horizontal Stabilizer	421X-087-505	009999-0953	RT	140.0	7,560.0	20,076.1	7,560.0	7,700	20,216.1		Accurate	
M/R Fold Pin	369A1004-5	6605, 6623	RT	159.2	7,440.8	20,076.1	7,440.8	7,600	20,235.3		Accurate	
M/R Fold Pin	369A1004-5	6640, 6659	RT	159.2	7,440.8	20,076.1	7,440.8	7,600	20,235.3		Accurate	
M/R Fold Pin	369A1004-5	6678, 6693	RT	159.2	7,440.8	20,076.1	7,440.8	7,600	20,235.3		Accurate	
M/R Fold Pin	369A1004-5	6698, 6713	RT	159.2	7,440.8	20,076.1	7,440.8	7,600	20,235.3		Accurate	
M/R Fold Pin	369A1004-5	6719, 7931	RT	159.2	7,440.8	20,076.1	7,440.8	7,600	20,235.3		Accurate	
Overrunning Clutch	369A5350-51	009999-8017	ROH	402.9	1,350.4	20,029.4	1,397.1	1,800	20,479.0		Accurate	
Engine	250C20R/2	CAE-295204	OH	448.6	7,051.4	20,029.4	7,098.1	7,500	20,478.0		Accurate	
Tailboom Assembly	369D23500-505	012160-0091	RT	458.1		10,234.2	9,841.0	10,300	20,534.2		Accurate	
AFS Air Filters	Service Reminder		OH	500.0		20,076.1		500	20,576.1		Accurate	
Blower Bearing	369H5655-3	062355-2488	ROH	547.1		19,423.2	652.9	1,200	20,623.2		Accurate	
Blower Bearing	369H5655-5	062355-2932	ROH	547.1		19,423.2	652.9	1,200	20,623.2		Accurate	
Blower Belt	369D25623		ROH	547.1		19,423.2	652.9	1,200	20,623.2		Accurate	
D/S Upper Coupling	369H5660	012053-0687	RT	763.0	3,537.0	20,076.1	3,537.0	4,300	20,839.1		Accurate	
D/S Lower Coupling	369H5660	5009-0202	RT	818.3	3,435.0	20,029.4	3,481.7	4,300	20,894.4		Accurate	
M/R Mast	369D22014	009999-2432	RT	852.0		10,478.1	9,598.0	10,450	20,928.1		Accurate	
Starter Generator	150SG117Q	9797	ROH	852.8	347.2	20,076.1	347.2	1,200	20,928.9		Accurate	
M/R Transmission	369D25100-507	1519	OH	1,000.0	3,000.0	20,076.1	3,000.0	4,000	21,076.1		Accurate	
T/R Pitch Control	369D21820	4245	OH	1,068.8	1,701.2	20,076.1	1,701.2	2,770	21,144.9		Accurate	
T/R Blade Inboard	369D21615-31	009999-1713	RT	1,401.8	8,598.2	20,076.1	8,598.2	10,000	21,477.9		Accurate	
TR Fork	369D21701-21	RSI-238	ROH	2,325.8	444.2	20,076.1	444.2	2,770	22,401.9		Accurate	
T/R Transmission	369D25300-501	009999-0028	ROH	2,710.4	2,089.6	20,076.1	2,089.6	4,800	22,786.5		Accurate	
T/R Blade Inboard	369D21615-31	009999-1874	RT	2,812.5	7,187.5	20,076.1	7,187.5	10,000	22,888.6		Accurate	
T/R Blade Outboard	369D21615-31	009999-1877	RT	2,812.5	7,187.5	20,076.1	7,187.5	10,000	22,888.6		Accurate	
T/R Strap Pack, inboard	369A1706-509	003343-9111	RT	3,010.4	2,089.6	20,076.1	2,089.6	5,100	23,086.5		Accurate	
T/R Strap Pack, outboard	369A1706-509	003343-9080	RT	3,010.4	2,089.6	20,076.1	2,089.6	5,100	23,086.5		Accurate	
Vertical Stabilizer	369D23600-503	900	RT	3,946.9	4,746.6	16,069.6	8,753.1	12,700	24,023.0		Accurate	
T/R Drive Shaft	369D25518-501	009999-3948	RT	6,707.2	7,192.8	20,076.1	7,192.8	13,900	26,783.3		Accurate	
Tail Boom Bolts	MS21250-6013	N/A	RT	12,108.1		10,234.2	9,841.9	21,950	32,184.2		Accurate	
M/R Drive Shaft	369F5510-1	5009-0813	RT	27,754.4		15,021.8	5,054.3	5,020	20,041.8		Not Accurate	7,479

TIME LIFE ITEMS

C-250-C20R

1/18/2011

Operator: Mesa Police Air Unit

NEXT MAJOR MAINT. REQUIRED SECOND O/H

IN=Insp RT=Retire OH=Overhaul  
CY=Cycles MO=Month

Registration	N503MP	Serial No.	0414E
Manufacture	MDHC	Model No.	500E
Hobbs Time	13,699.9		
Airframe Total Time	20,076.1		
Engine Total Time	13,891.2		

ITEMS SHADED IN BLUE ARE TO BE SWAPPED BEFORE DISPOSAL

<b>CAE295204</b>				Avg. cy/hr	0.39
Engine Total Time	13,891.2	ENG. TSO: 4,408.0	Eng.TC: 5,398	Eng.CSO	-4,950
Turbine Sn:	CAT-36893				
Turbine Total Time	12,120.6	Turbine TSO: 2,904.6	Turb. TC: 4,606	Turb.CSO	-6,089

Replacement  
Par  
Status  
Installation

Component Desc.	Part Number	S. Number		Time Remaining	Component Hrs at install	Eng./Turb TT at install	Component TT/TSO	Service Life	ENG.TT DUE@	Messages	Replacement Par Status Installation
Compressor Assem.	23050833	CAC-15206	EOH	-908.0	3,266.2	12,749.4	4,408.0	3,500	12,983.2	Overdue	
Bleed Valve	23073207	FF55997	EOH	79.2	635.6	13,106.0	1,420.8	1,500	13,970.4	Order Parts	
#1 oil pressure reducer		CAC-15431	EOH	104.0		13,395.2	496.0	600	13,995.2	Coming Due	Service Reminder
Fuel Nozzle	23077068	1YJ03679	EOH	369.8	2,083.5	13,844.5	2,130.2	2,500	14,261.0		
Impeller	23039065	DU95948	EOH	401.9	1,634.7	8,427.8	7,098.1	7,500	14,293.1		
1st stage wheel	23032621	E91693	EOH	401.9	1,634.7	8,427.8	7,098.1	7,500	14,293.1		
2nd stage wheel	23035252	E13619	EOH	401.9	1,634.7	8,427.8	7,098.1	7,500	14,293.1		
3rd stage wheel	23032623	E24004	EOH	401.9	1,634.7	8,427.8	7,098.1	7,500	14,293.1		
4th stage wheel	23035254	E80778	EOH	401.9	1,634.7	8,427.8	7,098.1	7,500	14,293.1		
Fuel control filter	2549065-5H filter		EOH	456.0		12,847.2	1,044.0	1,500	14,347.2		
Fuel Control	23070609	BR52157	EOH	520.5	1,772.1	13,683.8	1,979.5	2,500	14,411.7		
Turbine Assembly	23073352	CAT-36893	EOH	595.4	1,762.8	12,749.4	2,904.6	3,500	14,486.6		
Turbine Assembly HMI	Gas Producer	CAT-36893	EOH	608.2		10,978.8	1,141.8	1,750	12,728.8		
1st stageTurbWheel	23073853	X568359	EOH	633.2		10,978.8	1,141.8	1,775	12,753.8		
2nd stageTurbWheel	23073854	X563462	EOH	633.2		10,978.8	1,141.8	1,775	12,753.8		
Governor	23065123	BR41320	EOH	1,516.7		13,407.9	483.3	2,000	15,407.9		
3rd stageTurbWheel	23065818	X539439	EOH	1,645.4		9,216.0	2,904.6	4,550	13,766.0		
4th stageTurbwheel	23055944	X534353	EOH	1,645.4		9,216.0	2,904.6	4,550	13,766.0		
Gearbox Assembly	23035185	CAG15357	EOH	1,723.4	634.8	12,749.4	1,776.6	3,500	15,614.6		