

T2K

N497MM

INSPECTION AND COMPONENT STATUS

AEROSPATIALE SA341 F2		Engine: Turbomeca ASTAZOU 111C2		DATE: 1/25/2023	
Serial #: 1384		Serial #: 415/5087		Date Updated: 1/25/2023	
Date of Manufacture: 11/1975		"CELL TIME" 3791.3		Engine Total Time: 1515.3	
LAST MAJOR 4502	Aircraft Total Time: 3791.3	AIRFRAME CYCLES: 8487	Engine Total Cycles: 1515.30 4648.00	Power Check T4 Correction Factor +6 C	
1/1/2011	Engine TSO: 1507.8	CSO: 4682.90	Approaching 10% Within 10%		

Component/Inspection	Part Number	Reference Data / Number	Serial	Type of	Component Hours/ Cycles/ Landing at Installation	Date of Compliance/ Installation	Airframe/ Engine / Cycle/ landing at	Time Remaining	Interval	Airframe Hours/ Date Due	Engine Hours Due	Engine NG/NP Cycles Due
Daily Aircraft Check		M.M 05-20, 201, 202, 203		Daily/BFF/ALF			Every Day the Aircraft Fly's			Daily		
Daily/ALF Lubrication		MM 05-10					Every Day the Aircraft Fly's			Daily		
Airframe 25 Hour		M.M 05-20		Hour			3768.0	2	25	3793.0		
Airframe 100 Hour		M.M 05-20		Hour			3768.0	77	100	3868.0		
Main Gearbox Oil Change	Royco 586M	M.M 05-10		12 MONTHS			APRIL 27TH 2022			APRIL 27TH 2023		
				24 Month			3768.0	377	400	4168.0		
Tail Rotor gearbox Oil Change	Royco 586M	M.M 05-10		Hours			APRIL 27TH 2022			4/27/2022		
				24 Month			3768.0	377	400	4168.0		
Hydraulic oil change	Mil-H-5606	M.M 05-10		Hour			APRIL 27TH 2022			4/27/2024		
				24 Monthly			3768.0	377	400	4168.0		
Indermediate GearBox Oil Ch	Royco 586M	MM 5-10		Hour			APRIL 27 2022			4/27/2024		
Engine Oil	Mobil Jet II	MM 72-80-2		24 Monthly			APRIL 27 2022			4/27/2024		
				hour			3768.0	377	400	4168.0		
Intermediate Gearbox Oil Ch	Royco 586 M	M.M 105-10		24 Monthly			APRIL 27TH 2022			April 27th 2024		

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	Aircraft Total Time: 3791.3		Engine Cycles: 1515.30	Power Check T4 Correction Factor +6 C		
1/1/2011				Approaching 10% Within 10% Overdue		

Component/Inspection	Part Number	Reference Data / Number	Serial	Type of	Component Hours/ Cycles/ Landing at Installation	Date of Compliance/ Installation	Airframe/ Engine / Cycle/ landing at	Time Remaining	Interval	Airframe Hours/ Date Due	Engine Hours Due	Engine Cycles Due
Engine inspection items												
Engine 25 Hour		ASTAZOU M.M Chap 05-10-2		Hour			3768.0	2	25	3793.0		
Engine 100 Hour		ASTAZOU M M Chap 05-10-2		Hour			3768.0	77	100	3868.0		
Engine oil Change		ASTAZOU M.M Chap 05-10-2		Hour			3768.0	377	400	4168.0		
Engine 100hr Compressor wash	Engine Compressor Wash	ASTAZOU M.M Chap 72-00-8		Hour			3768.0	77	100	3868.0		
Airframe Components												
LORD DAMPNERS RED	341A31-4906-02	7347		SLL	0.0	1/1/1997	0.0	2208.70	6000	6000.0		
LORD DAMPNERS YELLOW	341A31-4906-02	7423		SLL	0.0	1/1/1997	0.0	2208.70	6000	6000.0		
LORD DAMPNERS BLUE	341A31-4906-02	7349		SLL	0.0	1/1/1997	0.0	2208.70	6000	6000.0		
M/R BLADE BLUE	341A11-0040-07	1072		SLL	8275.1	1/16/2008	0.0	7933.60	20000	11724.9		
M/R BLADE RED	341A11-0040-07	613		SLL	7469.1	3/8/1999	0.0	8739.60	20000	12530.9		
M/R BLADE YELLOW	341A11-0040-07	3307		SLL	1442.0	7/30/2010	0.0	14766.70	20000	18568.0		
MAIN ROTOR HEAD	341A31-0020-01	M1002		OH	1335.0	1/6/2016	0.0	1065.00	2400	4856.3		
MAIN ROTOR HUB SHAFT	341A31-4260-03	M2971		SH	0.0	3/29/2003	0.0	3465.00	13000	13000.0		
SLEEVE	341A31-4266-04	PMA 277		SLL	0.0	7/31/2013	0.0	2208.70	6000	6000.0		
SLEEVE	341A31-4266-04	ML0281		SLL	0.0	7/31/2013	0.0	2208.70	6000	6000.0		
SLEEVE	341A31-4266-04	M23888		SLL	0.0	7/31/2013	0.0	2208.70	6000	6000.0		
Tie Bar Red	704A33-6332-274	LK0865		SLL	0.0	5/31/2018	3623.8	1832.50	2000	5623.8		
				10 YRS	0.0	5/31/2018		1950	3650	5/28/2028		
Tie Bar Yellow	704A33-6332-274	LK0969		SLL	0.0	5/31/2018	3623.8	1832.50	2000	5623.8		
				10 YRS	0.0	5/31/2018		1950	3650	5/28/2028		
Tie Bar Blue	704A33-6332-274	LK0234		SLL	0.0	5/31/2018	3623.8	1832.50	2000	5623.8		
				10 YRS	0.0	5/31/2018		1950	3650	5/28/2028		
ATTACHMENT YOKE	341A31-4242-21	M2975		SLL	4517.4	1/29/2004	4517.4	4208.70	8000	8000.0		
ATTACHMENT YOKE	341A31-4242-21	M4836		SLL	4517.4	1/29/2004	4517.4	4208.70	8000	8000.0		
ATTACHMENT YOKE	341A31-4242-21	M5635		SLL	4517.4	1/29/2004	4517.4	4208.70	8000	8000.0		
TAIL ROTOR HUB	341A33-5200-02	M42		OC	0.0	8/7/2012	0.0	OC	OC	OC		
TAIL ROTOR BLADES 13EA.	341A33-5101-00	SEE LIST		SLL	0.0	2/28/2000	0.0	6208.70	10000	10000.0		
TAIL ROTOR FLECTOR	341A33-5160-00	M15433		SLL	0.0	2/28/2000	2020.0	1328.70	3100	5120.0		
TAIL ROTOR DRIVE SHAFT	341A34-1114-06	WAH 1663		SLL	0.0	3/1/2021	710.0	918.70	4000	4710.0		
TR DS BEARINGS 2EA	704A33-651-177	NSN		SLL	0.0	11/1/2009	710.0	918.70	4000	4710.0		
TAIL ROTOR COUPLING SHAFT	341A34-1114-06	WAG1603		SLL	0.0	1/11/2005	710.0	9418.70	12500	13210.0		
TR CPL SHAFT BEARING	704A33-651-177	NSN		SLL	0.0	1/11/2005	710.0	918.70	4000	4710.0		

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Date of Manufacture: 11/1975		"CELL TIME": 3791.3			
LAST MAJOR	Aircraft Total Time:	3791.3	Engine Total Time:	1515.3	
4502	AIRFRAME CYCLES:	8487	Engine Total Cycles:	4648.00	
1/1/2011	Engine TSO:	1507.8	Approaching 10% Within 10%		Power Check T4 Correction Factor +6 C
	CSO:	4682.90			

Component/Inspection	Part Number	Reference Data / Number	Serial	Type of	Component Hours/ Cycles/ Landing at Installation	Date of Compliance/ Installation	Airframe/ Engine / Cycle/ landing at	Time Remaining	Interval	Airframe Hours/ Date Due	Engine Hours Due	Engine NG/NP Cycles Due
INCLINE DRIVE SHAFT	341A34-3100-00	ABY 2934		SLL	5729.8	8/7/2012	5729.8	3008.70	6800	6800.0		
TRIPOD	341A2300110261	831		SLL	0.0	6/15/2011	0.0	972.30	9000	9000.0		
REAR V ASSY	341A38-5000-03	WA111		SLL	0.0	6/15/2011	0.0	2231.90	10000	10000.0		
FRONT A FRAME	341A38-5001-04	TAJ4179		SLL	0.0	6/15/2011	2599.5	1308.20	2500	5099.5		
MAIN ROTOR GEAR BOX	341A32-1000006	ACF 1640		OH	0.0	8/7/2012	1856.5	1335.20	3270	5128.5		
FREEWHEEL ASSY	341A35-0060-00	ABG 1980		OH	0.0	11/22/2010	0.0	922.50	1200	4713.9		
INTERMEDIATE GEAR BOX	341A34-2051-06	WAD 976		OH	0.0	11/1/2007	0.0	2080.2	4000	5871.5		

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CLUTCH	703A35-000-02	SARM25		OC	0.0	9/22/2008	0.0	OC	OC	OC		
CLUTCH BEARINGS 2EA	703A35000018	NSN		LLT	0.0	9/22/2008	0.0	708.70	1500	4500.0		
HYDRAULIC PACK	D21 BB 1008	562		OH	0.0	10/31/2001	4074.2	637.50	3200	4428.8		
T/R GEAR BOX	341A33-5500-08	MA 583		OH	0.0	12/7/2012	560.6	2771.90	3500	6563.2		
TR GEAR WHEEL	341A33-5430-22	FR268		LLT	0.0	12/7/2012	0.0	6008.70	9800	9800.0		
BOOST PUMP	704A44519918	20101		OH	0.0	12/1/2006	0.0	708.70	1500	4500.0		
ALTERNATOR	TYPE 520-2	1031		OH	0.0	10/1/2009	0.0	549.00	3000	4340.3		
AIRCRAFT BATTERY	SBS J15 X4 FAA -PMA	2115500031		12 mo	0.0	6/1/2022	0.0	127	365	6/1/2023		
SPAR TUBE STABILIZER	341A13-1020-06	M3995		OC	0.0		0.0	OC	OC	OC		
HYDRAULIC SERVO L/H	SC5041-A1	3307		OH	0.0	8/7/2012	0.0	1008.70	2450	4800.0		
HYDRAULIC SERVO FA	SC5041-A1	5182		OH	0.0	8/7/2012	0.0	1008.70	2450	4800.0		
HYDRAULIC SERVO R/H	SC5041-A1	4482		OH	0.0	8/7/2012	0.0	1008.70	2400	4800.0		
HYDRAULIC SERVO TAIL	SC4106D	439		OH	0.0	8/7/2012	0.0	508.70	1800	4300.0		

Engine Components

Component/Inspection	Part Number	Reference Data / Number	Serial	Type of	Component Hours/ Cycles/ Landing at Installation	Date of Compliance/ Installation	Airframe/ Engine / Cycle/ landing at	Time Remaining	Interval	Airframe Hours/ Date Due	Engine Hours Due	Engine Cycles Due
ENGINE ASSY	ASTAZOU 111 C2	415/5087		OH	0.0	10/16/2006	0.0	1507.30	2750		2750.0	
FUEL CONTROL UNIT	0164778560	180B		OH	0.0	10/16/2006	0.0	1507.30	2500		2500.0	
STARTER GENERATOR	503-2 9580 11 5010	739		CK	0.0	3/1/2021	0.0	405.00	600	4196.3		
STARTER GENERATOR	503-2 9580 11 5010	799		BRUSH CHNG	0.0	3/1/2021	0.0	405.00	1000	4196.3		
HE GEN	9550176020	EH9MA		OC	0.0	10/16/2006	2197.0	3181.70	2500		4697.0	
HE GEN	9550176020	209MA		OC	0.0	10/16/2006	2197.0	3181.70	2500		4697.0	

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IGNITER	9560134860	8944		OC	0.0	1/4/2011	0.0	1242.40	2750		2750.0	
IGNITER	9560134860	9953		OC	0.0	1/4/2011	0.0	1242.40	2750		2750.0	
ELECTROMAGNETIC PLUG	0235237600	3369MA		OC	0.0	1/4/2011	0.0	1242.4	2750		2750.0	
INJECTOR	0283327500	283MM		OC	0.0	1/4/2011	0.0	1242.4	2750		2750.0	
INJECTOR	0283327500	565MM		OC	0.0	1/4/2011	0.0	1242.40	2750		2750.0	
START SERVO VALVE	0174038160	113B		OH	0.0	1/4/2011	0.0	1242.4	2750		2750.0	
OIL PUMP	0283165100	728M		OH	0.0	1/4/2011	0.0	1242.40	2750		2750.0	
AXIAL COMPRESSOR STG 1	0236150220	519AD		Eng.Cycles	0.0	1/4/2011	0.0	8484.70	10000			10000.0
AXIAL COMPRESSOR STG 2	023615840	799UP		Eng.Cycles	0.0	1/4/2011	0.0	8484.70	10000			10000.0
CENTRIFUGAL INLET WHEEL	728326004A	1585AD		Eng.Cycles	0.0	1/4/2011	0.0	8484.70	10000			10000.0
CENTRIFUGAL IMPELLER	728325005A	2805AD		Eng.Cycles	0.0	1/4/2011	0.0	8484.70	10000			10000.0
ENGINE 1ST STAGE WHEEL	9268280100	AD66036A		LLT UNK	0.0	1/4/2011	0.0	NA	NA		NA	6000.00
ENGINE 2ND STAGE WHEEL	0268280200	AD65448A		Eng.Cycles	0.0	1/4/2011	0.0	4484.70	6000		NA	6000.00
ENGINE 3RD STAGE WHEEL	9268270310	ADB3164		LLT UNK	0.0	1/4/2011	0.0	4484.70	6000		NA	6000.00
				Eng.Cycles	0.0	1/4/2011	0.0	5984.70	7500		5000.0	7500.00

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FAR Requirements												
Compass swing (Wet)		FAR 23		12 Mo		6/15/2022	0.0	141	365	6/15/2023		
Pilot Static Leak inspection		FAR 91.411		24 Mo		6/16/2022		507	730	6/15/2024		
Transponder/Encoder Cert.		FAR 91.413		24 Mo		6/15/2022		506	730	6/14/2024		
Emergency Locator Trans	Kannard 406AF-H	FAR 91.207		12 Mo		4/27/2022		92	365	4/27/2023		
ELT Battery Replacement	S18205606	FAR 91.207		24 Mo		4/27/2022		457	730	4/26/2024		

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STC Requirements												
Airworthiness Directives												
RECURRING AF AD's & ASB's												
TYPE	INTERV	COMPL@		DUE @	HRS RMNG							
96-06-36	10	3,791.3		3,801.3	10.0		TGB TRIPOD INSP					
2016-07-27	420	3,623.8		4,043.8	252.5		MR TIE BARS					
	24M	4/27/2022		4/27/2024	458.0		DAYS REMAINING					
Service Bulletins												
				Hour						0.0		
				Hour								
Additional Maintenance Requirements: Retorques, oil change, etc.												

Legend

OH = Overhaul
U = Airframe Landings
SSL= SERVICE LIFE LIMIT
Mo = Month

Instructions

Items in Gray need updating.
CELL TIME F7
Date Updated: J5
NG: F9
NP: F10
Landings: C9
Landings: Date C10
Any line item in Gray that supports a logbook entry



Major Alterations	Aircraft N Serial #
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DATE 337 block 7	Instructions For Continued Airworthiness			
	Apply (Yes or No)	Field Approval		Brief Description of the Major Alteration
		in Block 3 (Yes or No)	Flight Manual Supplement Required (Yes or No)	
	No	No	No	
	No	No	No	
	no	no	no	
	No	No	No	
	no	no	no	
	no	no	no	
	no	no	no	
	no	no	no	
	no	no	no	
	no	no	no	
	no	no	no	
	no	no	no	
	no	no	no	
	no	no	no	
	no	no	no	
	No	No	no	
	no	no	no	
	no	No	no	
	no	no	no	

