

TECHNICAL SPECIFICATIONS

OF

ATR 42-500

MSN : 0801



December 22nd 2020

Status at 13291,47 FH and 11130 CY

Values in Saint-Pierre et Miquelon After post visit acceptance Flight
Since then Aircraft is in active storage

TECHNICAL SPECIFICATIONS

1 - AIRCRAFT TYPE :

	42-500	MSN :	801	AS OF :	22-Dec-20
FIRST FLIGHT :	3-Feb-09	FIRST COMMERCIAL FLIGHT:	21-Oct-09		
CURRENT REGISTRATION :	F-OFSP				
PREVIOUS OPERATOR :	ATR				
TOTAL FLIGHT HOURS :	13291,47				
TOTAL CYCLES :	11130				

2 - ENGINES :

Oil Type **EXXON 2380**
 Engine maintained under : **O/H condition**

	LH		RH	
MANUFACTURER TYPE :	PW127M		PW127M	
	TM	RGB	TM	RGB
MANUFACTURER SERIAL NUMBER :	ED0133	ED0133	ED0135	ED0135
TSN	12763,40	12763,04	12670,13	12670,13
CSN	10670	10670	10589	10589
TSHSI	1657,26	-	1944,09	-
TIME TO NEXT HSI :	-	-	-	-
TSO	N/A	N/A	N/A	N/A

engine ED0135 : HSI1 at 5078FH (2014) + HSI2 at 10726FH (2019)

engine ED0133 : HSI1 at 5411H (2014) + HSI2 at 11105H (2019)

	Engine LCFs #1 ED 0133			Engine LCFs #1 ED 0135		
	TBO	Actual Status		TBO	Actual Status	
		Elapsed	Remaining		Elapsed	Remaining
Impeller, LP	15000,00	10670,00	4330,00	15000,00	10589,00	4411,00
Impeller, HP	15000,00	10670,00	4330,00	15000,00	10589,00	4411,00
Cover, HP Turbine Front	15000,00	10670,00	4330,00	15000,00	10589,00	4411,00
Cover, HP Turbine Rear	15000,00	10670,00	4330,00	15000,00	10589,00	4411,00
Disk, HP, Turbine	15000,00	10670,00	4330,00	15000,00	10589,00	4411,00
Disk LP, Turbine	15000,00	8962,00	6038,00	15000,00	10589,00	4411,00
Disk, PT 1st Stage	30000,00	10670,00	19330,00	30000,00	10589,00	19411,00
Disk, PT 2nd Stage	30000,00	10670,00	19330,00	30000,00	10589,00	19411,00
Seal Air Interstage	15000,00	1251,00	13623,90	15000,00	10589,00	3352,10
HP Blades	3000,00	1251,00	1749,00	3000,00	1481,00	1519,00

3 - PROPELLERS :

TBO : 10500 FH OR 7 YE = 84 MONTHS

	LH	LH HUB	RH	RH HUB
MANUFACTURER TYPE / P/N:	568F-1	815470-2	568F-1	815470-2
MANUFACTURER SERIAL NUMBER :	FR20081252	223	FR20081253	20080919
TSN	13291,47	7904,13	12930,51	12930,51
TSO	5984,46	5984,46	5623,01	5623,01
TIME REMAINING TO NEXT OVERHAUL :	4515,14	4515,14	4876,59	4876,59
TIME REMAINING TO NEXT OVERHAUL :	21 MO	21 MO	25 MO	25 MO

<u>LH PROP</u>	Blade 1	Blade 2	Blade 3	Blade 4	Blade 5	Blade 6
TBO : 10500 FH OR 7 YE = 84 MONTHS						
P/N	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6	R815505-6
S/N	FR200812023RT	FR200812026RT	FR200812031RT	FR200812030RT	FR200812025RT	FR200812028RT
TSN	12930,41	12930,41	12470,48	12623,32	12623,32	12623,32
TSO	5623,10	5623,10	5984,06	5984,06	5984,06	5984,06
REM TO O/H :	4876,50	4876,50	4515,54	4515,54	4515,54	4515,54
REM TO O/H :	25 MO	25 MO	21 MO	21 MO	21 MO	21 MO

<u>RH PROP</u>	Blade 1	Blade 2	Blade 3	Blade 4	Blade 5	Blade 6
TBO : 10500 FH OR 7 YE = 84 MONTHS						
P/N	R815505-6	R815505-3	R815505S3W	R815505-3	R815505-6	R815505-6
S/N	FR200812027RT	FR200806038RT	FR200710030RT	FR200806039RT	FR200812029RT	FR200807079RT
TSN	12916,31	7351,22	7027,37	7351,22	14438,33	13408,34
TSO	6652,21	43,4	NC	43,4	6652,21	6652,21
REM TO O/H :	3847,39	10456,19	3472,23	10546,19	3847,39	3847,39
REM TO O/H :	15 MO	82 MO	10 MO	82 MO	13 MO	15 MO

4 - LANDING GEARS :

	NLG	LH-MLG	RH-MLG
TBO : 20000 CY OR 9 YE = 108 MONTHS			
MANUFACTURER PART NUMBER :	D22698500-6/A	D22685500-7/B	D22686500-7/B
MANUFACTURER SERIAL NUMBER :	B647	MN452	MN452
CSN	10905	10905	10905
CSO	2190	2190	2190
REMAINING TO NEXT O/H :	17810	17810	17810
DATE OF NEXT O/H :	23 AVRIL 2027	23 AVRIL 2027	23 AVRIL 2027

5 - AIRFRAME MAINTENANCE PROGRAM :

42-500 MSN : 0801

AIR SAINT PIERRE HAS A SPECIFIC MAINTENANCE PROGRAM WHICH IS EQUALIZED.
FOR THE SALE PURPOSE A BRIDGING CHECK HAS BEEN PERFORMED TO COME BACK ON BLOCKS

NEXT SCHEDULED AIRFRAME CHECKS :

CHECK	LAST DONE	NEXT DUE	REMAINING
C1=1A2-2A2-1C20	13162,02	33162,02	19870,15
C2=1A2-2A2-1C20	13162,02	33162,02	19870,15
C3=1A2-2A2--1C20		15000.0	1708,13
C4=1A2-2A2-1C20		20000.0	6708,13
1YE CHECK	11-Oct-2020	10-Oct-2021	9 MO
2 YEAR CHECK	11-Oct-2020	10-Oct-2022	21 MO
4 YEAR CHECK	11-Oct-2020	10-Oct-2024	45 MO
8 YEAR CHECK	30-Nov-2016	29-Nov-2024	53 MO
12 YEAR CHECK	30-Aug-2020	29-Aug-2032	144 MO
3000 CY CHECK	8966	11966	836 CY
6000 CY CHECK	5972	11972	842 CY
12000 CY CHECK		11972	842 CY
24000 CY CHECK		23972	12842 CY
36000 CY CHECK		35972	24842 CY

6 - MAIN FEATURES OF THE AIRCRAFT :

42-500 MSN : 0801

		<u>KG</u>	<u>LBS</u>
MAXIMUM WEIGHT RAMP	MWR :	18770	41380
MAXIMUM TAKE-OFF WEIGHT :	MTOW :	18600	41006
MAXIMUM LANDING WEIGHT :	MLW :	18300	40344
OPERATIONAL EMPTY WEIGHT :	OEW :	11721	25840
MAXIMUM ZERO FUEL WEIGHT :	MZFW :	17000	37478
MAXIMUM PAYLOAD :	MP :	5300	11685
MAXIMUM FUEL :	MF :	4500	9921

AVIONICS :

<u>DESIGNATION</u>	<u>MANUFACTURER</u>	<u>TYPE</u>	<u>QTY</u>
AFCS	HONEYWELL	FZ 600(CAT II)	1
VHF COM	COLLINS	VHF22A	2
ELT	ALTA	ADT 406S	1
SSCVR	FAIRCHILD	FA2100	1
ELT	ELTA	ADT 406	1
SSFDR	FAIRCHILD	FA2100	1
WEATHER RADAR	HONEYWELL	WR 800	1
VOR / ILS	COLLINS	VIR32	2
DME	COLLINS	DME-42	2
ADF	COLLINS	ADF-60A	2
ATC MODE S	COLLINS	TDR94D-007	2
EGPWS	SUNDSTRAND	MARK8	1
GNSS	HONEYWELL	HT1000	1
TCAS (ACAS II)	COLLINS	TTR921	1
RADIO ALTI	TRT	ERT011	1
MPC	SAGEM	ED35E	1
ELECTRONIC FLIGHT BAGS	APPLE		2
SLS (SBAS LANDING SYSTEM)	CMC ELECTRONICS	CMA-5024	2

PASSENGER SEATS :

NUMBER OF SEATS :	46	PITCH :	30
MANUFACTURER :	SICMA	SERIE :	9411
COVER TYPE :	TISSUE	COLOR :	BLUE
RECLINABLE :	YES		

GALLEY DESCRIPTION :

HOT JUGS	2
HALF SIZE TROLLEY	1
STANDARD UNIT	4

OTHER FEATURES :

ENG PARAMETERS RECORDING SYSTEM
FUEL QTY IN KG
INDIVIDUAL AIR OUTLETS
INDIVIDUAL READING LIGHTS
WINDOW BLINDS
PASSENGER ADDRESS TAPE REPRODUCER
TOILET OCCUPIED SIGN
REINFORCED COCKPIT DOOR
CONTAINER TRANSPORT CAPABILITY
MFZ INCREASE +300 KG
TOTAL FLOOR REINFORCEMENT
OPERATION ON NARROW RUNWAYS
OPERATION ON RUNWAYS WITH SLOPE BETWEEN 2% AND 4,5%
STEEP APPROACH
CAT II AFCS
THIRD AUDIO CONTROL PANEL
MODIFIED LHS REAR PARTITION FOR STRETCHER CLEARANCE
FRONT CARGO DOOR OPENABLE FROM INSIDE

