

Technical Specification

AIRCRAFT TYPE : 72-202

FIRST FLIGHT : 29-May-96

CURRENT REGISTRATION :

PREVIOUS OPERATOR : FLY540 ANGOLA

TOTAL FLIGHT HOURS : 30396.02

TOTAL CYCLES : 28821

ENGINES : OIL TYPE : EXXON 2380
Engine maintained under : Hardtime

	LH		RH	
	TBO : 8000 FH			
MANUFACTURER TYPE :	PW124B		PW124B	
	TM	RGB	TM	RGB
MANUFACTURER SERIAL NUMBER :	124666	124666	124667	124667
TSN	30682.9	30682.9	31386.57	31386.57
CSN	29395	29395	30146	30146
TSHSI	1515.39	-	2487.7	-
TIME TO NEXT HSI :	-15.39	-15.39	50.37	50.37
TSO	8068.31	8068.31	7960.71	7960.71
TIME TO NEXT OVERHAUL :	-68.20	-68.20	39.29	39.29

LH Engine

Shop Visit	Date of Event	FH	FC	Days	Hours	Cycles
HSI / LCF Replacement	Nov 21, 2016	29,167	28,603	3,074	1,515	792
Repair	Nov 28, 2011	27,041	26,518	4,894	3,641	2,877

LLP Description	Part No.	Serial No.	Life Limit	Hours Consumed	Hours Remaining
FUEL NOZZLES	VARIOUS	SET	1,000	1,515.39	-515.39
ENGINE RGB	PW124B	124666	8,000	8,068.31	-68.31
ENGINE TM (HSI)	PW124B	124666	4,000	1,515.39	2,484.61
ENGINE TM (Overhaul)	PW124B	124666	8,000	8,068.31	-68.31
ENGINE TM (HSI SDI Borescope)	PW124B	124666	1,500	1,515.39	-15.39
LP IMPELLER (SDI Borescope)	3038060	A002CFWH	1,500	1,515.39	-15.39
BEARINGS 6 AND 7 VENTILATION TUBE	PW124B	124666	1,500	1,515.39	-15.39
LP IMPELLER	3038060	A002CFWH	15,000	7,807	7,193
HP IMPELLER	3043293	A001FNL5	15,000	14,625	375
HP TURBINE DISC	3041511	A0021YX4	15,000	11,901	3,099
1st STAGE POWER TURBINE DISK	18B742	18B742	30,000	18,680	11,320
2nd STAGE POWER TURBINE DISK	18B742	18B742	30,000	26,284	3,716
1st STAGE POWER TURBINE BLADES	3123943-01	SET	25,000	1,644	23,356

RH Engine

Shop Visit	Date of Event	FH	FC	Since Last Event		
				Days	Hours	Cycles
Repaired	Jan 08, 2019	30,008.9	29,425	2,295	1,377.67	721

LLP Description	Part No.	Serial No.	Life Limit	Hours Consumed	Hours Remaining
FUEL NOZZLES	VARIOUS	SET	1,000	1,449.63	-449.63
ENGINE RGB	PW124B	124667	8,000	7,960.71	39.29
ENGINE TM (HSI)	PW124B	124667	4,000	1,449.63	2,550.37
ENGINE TM (Overhaul)	PW124B	124667	8,000	7,960.71	39.29
ENGINE TM (HSI SDI Borescope)	PW124B	124667	1,500	1,449.63	50.37
LP IMPELLER (SDI Borescope)	3072763-01	A002CFWH	1,500	1,456.46	43.54
BEARINGS 6 AND 7 VENTILATION TUBE	PW124B	124667	1,500	1,519.11	19.11
LP IMPELLER	3072763-01	A002CFWH	15,000	6,620	8,380
HP IMPELLER	3043293	8F627	15,000	11,629	3,371
HP TURBINE DISC	3041511	A001X5M6	15,000	11,752	3,248
1st STAGE POWER TURBINE DISK	3038513	19B278	30,000	24,672	5,328
2nd STAGE POWER TURBINE DISK	3033914	18B791	30,000	25,428	4,572
1st STAGE POWER TURBINE BLADES	3123943-01	SET	25,000	2,301	22,699

PROPELLERS :	LH	LH HUB	RH	RH HUB
TBO : #REF!				
MANUFACTURER TYPE / P/N :	14-SF-11E	802308-1	14-SF-11E	802308-1
MANUFACTURER SERIAL NUMBER :	960428	423-11	960325	20020111
TSN	-	-	-	-
TSO	1377.55	1377.55	1377.55	1377.55
TIME TO NEXT OVERHAUL :	9122	9122	9122	9122
REM TO O/H :	3-OCT-23		6-DEC-25	

LH PROP	Blade 1	Blade 2	Blade 3	Blade 4
P/N	SFA13S1P0A	SFA13S1P0A	SFA13N1R0A	SFA13N1ROA+D
S/N	886835-11E	2010040001	888274-23	858061
TSN	UNK	UNK	UNK	UNK
TSO	1449.72	1377.55	1377.55	1377.55
REM TO O/H :	9122	9122	9122	9122
NEXT O/H :	09-AUG-23	23-MAY-26	31-MAY-20	22-MAY-26

Shop Visit	Date of Event	FH	Since Last Event		
			Days	Hours	Cycles
Overhaul inspection	May 23, 2019	28,015.38	2,161	1,386.89	725

LLP Description	Part No.	Serial No.	Life Limit	Hours / Time Consumed	Hours / Time Remaining
PROP. ASSY	815590-1	960428	10,500 FH / 7 Years	1,386.89 / 2,161	9,113 / 396
BLADE #1	SFA13S1P0A	886835-11E	10,500 FH / 7 Years	1,459 / 3,179	9,041 / -622
BLADE #2	SFA13S1P0A	2010040001	10,500 FH / 7 Years	1,386.89 / 2,161	9,113 / 396
BLADE #3	SFA13S1P0A	888274-23	10,500 FH / 7 Years	1,386.89 / 4,344	9,113 / -1,787
BLADE #4	SFA13N1ROA+D	858061	10,500 FH / 7 Years	1,386.89 / 2,161	9,113 / 396
HUB	802308-1	423-11	10,500 FH / 7 Years	1,386.89 / 3,122	9,113 / -566
ACTUATOR (OVH)	790180-3	20020211	N/A	N/A	N/A
ACTUATOR (CPI)	790180-3	20020211	N/A	N/A	N/A
TRANSFER TUBE	814829-1	872-B	N/A	N/A	N/A

RH PROP	Blade 1	Blade 2	Blade 3	Blade 4
P/N	SFA13N1R0A	SFA13N1R0A	SFA13N1R0A	SFA13N1R0A
S/N	879231-11	876449-11	868077-11	2011010003
TSN	UNK	UNK	UNK	UNK
TSO	1377.55	1377.55	1377.55	1377.55
REM TO O/H :	9122	9122	9122	9122
NEXT O/H :	23-MAY-26	23-MAY-26	23-MAY-26	31-JAN-26

			Since Last Event		
Shop Visit	Date of Event	FH	Days	Hours	Cycles
Overhaul inspection	May 23, 2019	28,015.38	2,161	1,386.89	725

LLP Description	Part No.	Serial No.	Life Limit	Hours / Time Consumed	Hours / Time Remaining
PROP. ASSY	815590-1	960325	10,500 FH / 7 Years	1,386.89 / 2,161	9,113 / 396
BLADE #1	SFA13NIROA+D	879231-11	10,500 FH / 7 Years	1,386.89 / 2,161	9,113 / 396
BLADE #2	SFA13NIROA+D	876449-11	10,500 FH / 7 Years	1,386.89 / 2,161	9,113 / 396
BLADE #3	SFA13NIROA+D	868077-11	10,500 FH / 7 Years	1,386.89 / 2,161	9,113 / 396
BLADE #4	SFA13S1P09	2011010003	10,500 FH / 7 Years	1,386.89 / 2,050	9,113 / 283
HUB	802308-1	20020111	10,500 FH / 7 Years	1,386.89 / 1,994	9,113 / 227
ACTUATOR (OVH)	790180-3	941107	10,500 FH	N/A	6,850
ACTUATOR (CPI)	790180-3	941107	10,500 FH	N/A	6,853
TRANSFER TUBE	814829-1	2/1/2006	10,500 FH	N/A	2,489

LANDING GEARS :		NLG	LH-MLG	RH-MLG
TBO		20000CY/9YE	20000CY/9YE	20000CY/9YE
MANUFACTURER PART NUMBER :	D22698172-107	D23189000-21	D23190000-21	
MANUFACTURER SERIAL NUMBER :	N45	MN157	MN157	
CSN	35911	32230	32230	
CSO	3153	3153	3153	
REMAINING TO NEXT O/H :	16847	16847	16847	
DATE OF NEXT O/H :	09-Jun-20	25-May-20	23-May-20	

			Since Last Event		
Shop Visit	Date of Event	FC	Days	Hours	Cycles
Nose Landing Gear Overhauled	June 09, 2011	32,758	5,066	N/A	3,161
LLP Description	Part No.	Serial No.	Life Limit	Cycle Consumed	Cycles Remaining
Barrel	D56773-2	83B11	64,000	35,919	28,081
Rack	D62440	B019SR01	64,000	20,923	43,077
Pin	D56875	10MAM2726960	64,000	20,923	43,077
Tube Turning	D62439	08SPP526	64,000	3,161	60,839
Link Torque	D63759-1	08SPP486	64,000	35,919	28,081
Axle	D67985	A490	64,000	26,275	37,725
Joint, Universal	D56783	A015	64,000	32,238	31,762
Arm, Lower	D56782 (GA64369)	A175	64,000	19,983	44,017
Bellcrank	D57318	A021	64,000	32,238	31,762

HT Description	Part No.	Serial No.	Life Limit	Time / Cycle Consumed	Time / Cycles Remaining
SHOCK ABSORBER	D27700172-3	N50	9Y / 20,000 FC	5,072 / 3,161	-1,798 / 16,839
LEG ASSY	D22698172-107	N45	9Y / 20,000 FC	5,072 / 3,161	-1,798 / 16,839
NLG DRAG BRACE	D22703072-1	B184	9Y / 20,000 FC	5,072 / 3,172	-1,809 / 16,839

MLG LH

Shop Visit	Date of Event	FC	Since Last Event		
			Days	Hours	Cycles
Main Landing Gear Overhauled	May 25, 2011	29,077	5,081	N/A	3,161

LLP Description	Part No.	Serial No.	Life Limit	Cycle Consumed	Cycles Remaining
Barrel ATR72	D60929-30	08SAD094X1355	70,000	32,238	37,762
Pin	D60983-1	028U18	70,000	34,753	35,247
Axle	D60980-2	47U16	70,000	34,753	35,247
Joint Universal	D61036-1	MN145	70,000	34,753	35,247
Cylinder	D60945	MN346	70,000	34,666	35,334
Arm, Lower	D60965 (GA64381)	MN404	70,000	29,637	40,363
Arm Upper	D62074 (GA64382-1)	MN367	70,000	823	69,177

HT Description	Part No.	Serial No.	Life Limit	Time / Cycle Consumed	Time / Cycles Remaining
SHOCK ABSORBER	D23188000-4	MN349	9Y / 20,000 FC	5,072 / 3,161	-1,798 / 16,839
LEG ASSY	D23189000-21	MN157	9Y / 20,000 FC	5,072 / 3,161	-1,798 / 16,839
SIDE BRACE ASSY	D23219000-5	MN194	9Y / 20,000 FC	4,900 / 1,355	-1,936 / 18,645

MLG RH

Shop Visit	Date of Event	FC	Since Last Event		
			Days	Hours	Cycles
Main Landing Gear Overhauled	May 25, 2011	29,077	5,081	N/A	3,161

LLP Description	Part No.	Serial No.	Life Limit	Cycle Consumed	Cycles Remaining
Barrel ATR72	D60929-30	10SAD120X1624	70,000	32,238	37,762
Pin	D60983-1	20U21	70,000	34,666	35,334
Axle	D60980-2	35U15	70,000	34,017	35,983
Joint Universal	D61036-1	MN368	70,000	34,309	35,691
Cylinder	D60945	MN214	70,000	34,753	35,247
Arm, Lower	D60965 (GA64381)	MN369	70,000	28,899	41,101
Arm Upper	D62074 (GA64382-1)	MN409	70,000	28,899	41,101

HT Description	Part No.	Serial No.	Life Limit	Time / Cycle Consumed	Time / Cycles Remaining
SHOCK ABSORBER	D23188000-4	MN349	9Y / 20,000 FC	5,072 / 3,161	-1,798 / 16,839
LEG ASSY	D23189000-21	MN157	9Y / 20,000 FC	5,072 / 3,161	-1,798 / 16,839
SIDE BRACE ASSY	D23219000-5	MN194	9Y / 20,000 FC	4,900 / 1,355	-1,936 / 18,645

AIRFRAME MAINTENANCE PROGRAM : 72-202

SUMMARIZED DESCRIPTION OF THE MAINTENANCE PROGRAM :

Check History	Date of Event	FH	FC	Since Last Event		
				Days	Hours	Cycles
Airframe 1A Check	April 30, 2023	30,323.02	28,782	723	79.25	42
Airframe 2A Check	April 30, 2023	30,323.02	28,782	723	79.25	42
Airframe 3A Check	March 29, 2017	28,881	28,029	2,946	1,521	795
Airframe 4A Check	March 29, 2017	28,881	28,029	2,946	1,521	795
Airframe 1C Check	March 29, 2017	28,881	28,029	2,946	1,521	795
Airframe 2C Check	March 29, 2017	28,881	28,029	2,946	1,521	795
Airframe 4C Check	October 23, 2005	15,916	14,775	7,121	15,627	14,049
Airframe 01YE Check	April 30, 2023	30,323.02	28,782	723	79.25	42
Airframe 02YE Check	April 30, 2023	30,323.02	28,782	723	79.25	42
Airframe 04YE Check	March 20, 2021	28,881	28,029	2,946	1,521	795
Airframe 08YE Check	December 07, 2019	29,052.80	28,133	1,963	1,349.47	691
24K Check	March 29, 2017	28,881	28,029	2,946	1,521	795
36K Check	7,176 cycles remaining					

Components

Description	Manufacturer	Family	Qty
AFCS	HONEYWELL	FZ 600 (CAT II)	1
VHF COM	COLLINS	VHF22C	2
HF COM	COLLINS	HF9000	1
SSCVR	L3 Communication	FA2100	1
ELT	SOCATA	ELT96	1
SSFDR	L3 Communication	FA2100	1
EFIS	HONEYWELL	ED800	4
WHEATER RADAR	HONEYWELL	WR800	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
MPC	SAGEM	ED35E	1
RADIO ALTIMETER	TRT	ERT011	1
MFC	EADS	MFCL23	2
TCAS	COLLINS	TTR921	1

STC

STC NO.	Date of Issue	Description	A/C Hours by Install	A/C Cycles by Install
10030066	18-05-2010	Installation of Single HF-9000 Communication Transceiver System	26,752.30	25,942
0110-11	11-07-2016	Vertical Net Freighter Conversion	28,880.38	28,029