

PC-12/45 S/N: 256  
F-GJFG

Time Limited Inspection Requirements			12-A-05-10-20-00A-281A-A / R41 / 2021-07-05													
			Date :	1-SEP-2021	A/F Hours :	2580:27 / 2418:15	A/F Cycles :	2088								
Chapt.	Description	Inspection requirements	hours	Interval	calendar	Partno.	Serial no.	Comp.	last done at a/c			next due at a/c				
F-GJFG S/N 256 MFD 02/1999			hours	calendar	Partno.	Serial no.	Comp.	hours	cycles	calendar	hours	cycles	calendar			
5	<b>Time Limits</b>															
	300 Hrs. Inspection package	12-A-05-40-01-01A-000B-A 20/130 / 24-30/61 / 24-30/63 / 25-10/135/ 25-20/302/27-00/138/ 40/291/27-50/77/35-10/188/76-00/212	22-27-300						2507:28	2016	07.avr.21	2807				
	600 Hrs. Inspection package	12-A-05-40-01-03A-000B-A 40/55/21-40/56/24-30/64/24-30/482	21-600						2216.15	1730	26.avr.19	2816				
	300/600/1200 FH / 12 Mth Annual Inspection	Annual Inspection 12-A-05-40-01-02A-000B-A / 12-A-05-40-01-04A-000B-A/12-A-05-40-01-05A-000B-A <b>300</b> 10/428/22-20/129/24-30/131/ 24-30/132/25-10/134/25-20/136/ 25-60/231/27-10/139/27-20/140/27-30/141/27-40/142/27-50/73/ 27-50/74/27-50/144/27-50/443/28-10/145/28-10/146/28-20/147/ 28-20/148/28-20/150/29-10/152/ 29-10/153/30-10/154/30-20/156/ 32-40/172/32-40/174/32-40/175/32-40/176/33-40/177/33-41/178/ 33-42/179/33-43/180/33-44/181/ 33-46/182/34-00/184/34-11/185/ 34-11/186/35-10/187/53-00/196/ 55-10/197/55-30/198/56-10/200/ 56-20/201/57-00/202/71-00/209/74-00/288/76-00/211/76-00/304/ 77-00/213/78-00/214/ 79-20/290/ <b>600</b> 28-20/149/29-10/151/30-10/155/30-30/157/30-60/158/ 30-60/159/ 32-10/162/32-10/163/32-10/164/32-10/165/32-20/166/32-20/167/ 20/168/32-20/169/32-40/171/32-40/173/52-10/189/52-10/190/ 10/191/52-10/192/52-30/193/52-30/194/52-30/195/71-00/101/ 71-00/102/71-00/107/76-00/210/79-00/215/ <b>1200</b> 11-00/220/21-20/127/21-40/50/21-40/53/21-40/128/21-50/223/22-20/226/24- 20/227/25-10/300/25-20/137/25-60/232/27-10/234/ 27-10/235/27-10/236/27-10/237/27-10/470/27-20/241/27-20/242/ 20/243/27-20/246/27-30/247/27-30/249/27-30/250/27-30/514/ 40/252/27-40/292/27-50/253/27-50/254/27-50/255/29-10/257/ 10/258/29-10/259/30-10/260/30-20/261/32-10/263/32-20/265/ 32-20/266/32-20/305/32-30/170/34-11/268/35-10/269/35-10/270/ 10/271/52-20/272/52-20/273/52-30/274/52-30/275/53-00/277/ 53-00/280/53-00/337/55-10/319/55-30/281/57-00/283/57-00/284/ 20/286/76-00/303/79-20/289	10-32-52-1200	300 600 1200	1 year					2507:28	2016	07.avr.21	2816		07.avr.22	
	2400 FH/24 Month	12-A-05-40-01-06A-000B-A 21-20/221/22-10/233/24-30/228/24-40/229/24-60/133/27-10/238/ 27-15/239/27-20/240/27-20/244/27-20/245/27-30/248/27-30/251/ 28-20/256/29-10/471/30-40/262/34-00/183/53-00/276/53-00/278/ 53-00/279/57-00/282/71-00/205/71-00/301	2400		24 Mth					2507:28	2016	07.avr.21	4907		07.avr.23	
	Engine minor inspection	Engine minor - routine inspection 72-00-00 - Manual Part No.3038336	300						2507:28	2016	07.avr.21	2807				
	ARC RENEWAL	12 month 2nd extension 19.09.2020			12 Mth						19.sept.20			19.oct.21		
	LSA / IRB / RENEWAL	GLOBAL TEST OSAC RP-22-90 / P-41-15 with inflight test d'entretien de l'installation radioélectrique de bord (IRB)et de la chaîne ATC			24 Mth				2317,54	1869	01.juil.20			01.juil.22		
	Aircraft weightinq				5 years						01.juil.20			30.juin.25		
	00-00/45 Aircraft (EXTERNAL)	12-A-20-40-00-00A-901A-A			6 month				2507:28	2016	07.avr.21			7 oct. 21		
	00-00/45 Aircraft (INTERNAL)	12-A-20-40-00-00A-901A-A			12 month				2507:28	2016	07.avr.21			7 avr. 22		
	HB 2005-470	Crew seat inspections	10000						0			10000				
	Alpplane flight manual	P/N 1973-001 Rev 24 18-Dec-2020									29.avr.21					
	KMD 850/850 TERRAIN DATA BASE	ATLANTIC DATA BASE CARDREV P/N 071-00161-0203 As required			12 Month						07.avr.21			7 avr. 22		
STC 1	STC SA01714W1 / 10060873 GTX 3300 w/ES	Equipment visual Inspection per Garmin MM 190-00734-11 - Sect.4.5			12 Mth				2507:28	2016	07.avr.21			7 avr. 22		
	STC SA01714W1 / 10060873 GTX 3300 w/ES	Electrical bonding test on equipment per Garmin MM ICA 190-00734-11 - Sect.4.6	2000		120 Mth				2317,54	1869	01.juil.20	4317,54		1 juil. 31		
STC 2	G600TXI STC SA02571SE / 10064794Rev3	LRUs, switches, knobs and wiring harness inspection MM ICA 190-01717-B1 Rev 3 per Section 3.4			12 Mth				2507:28	2016	07.avr.21			7 avr. 22		
	G600TXI STC SA02571SE / 10064794Rev3	Back up battery check MM ICA 190-01717-B1 Rev 3 per Section 5.14.5			12 Mth				2507:28	2016	07.avr.21			7 avr. 22		
	G600TXI STC SA02571SE / 10064794Rev3	AHRS Magnetic Field Model Update MM ICA 190-01717-B1 Rev 3			60 Mth				2317,54	1869	01.juil.20			1 juil. 25		
	G600TXI STC SA02571SE / 10064794Rev3	Electrical bonding of LRUs per Section 3.5 MM ICA 190-01717-B1 Rev 3	2000		120 Mth				2317,54	1869	01.juil.20	4317,54		1 juil. 31		
	G600TXI STC SA02571SE / 10064794Rev3	Electrical cooling fan replacement per Section 5.1.2 MM ICA 190-01717-B1 Rev 3	3000						2317,54	1869	01.juil.20	5317,54				
STC 3	ESI- 500 STC 10058836	Battery calibration per 6.1.5.1 ICA,DB1502026Rev IR // ESI-500 installation manual 0040-15001-01 RevB			12 Mth				2507:28	2016	07.avr.21			7 avr. 22		
	ESI- 500 STC 10058836	Check Wire/Cable/Racks/Connectors ESI-500 installation manual 0040-15001-01 RevB			12 Mth				2507:28	2016	07.avr.21			7 avr. 22		
	ESI- 500 STC 10058836	FAR 91.411 check ICA, DB1502026Rev IR			24 Mth				2317,54	1869	01.juil.20			1 juil. 22		
STC 4	GTN650/750 STC SA02019SE-D	Bonding check Section 4.5 ICA 190-01007-C1 Rev1	2000		120 Mth				2317,54	1869	01.juil.20	4317,54		1 juil. 31		
	GTN650/750 STC SA02019SE-D	Visual inspection of GTN and Flight stream 510, switches and harness per 4.4 ICA 190-01007-C1 Rev1			12 Mth				2507:28	2016	07.avr.21			7 avr. 22		

Aircraft S/N: 256 Status: TSN Hrs. 2580:27 (block time) Flight time : 2418:15  
Landings : 2088 Date:1-SEP-2021

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Time Limited Inspection Requirements		12-A-05-10-20-00A-281A-A / R41 / 2021-07-05										
Date :		1-SEP-2021		A/F Hours :		2580:27 / 2418:15		A/F Cycles :		2088		
Chapt.	Description	Interval		Partno.	Serial no.	Comp.	last done at a/c			next due at a/c		
	F-GJFG S/N 256 MFD 02/1999	hours	calendar			Hrs.	hours	cycles	calendar	hours	cycles	calendar
<b>21</b>	<b>Air Condition</b>											
	21-40/51 Overtemperature switch	4800		5 years	973.81.32.122	9909	2216.15	1730	26.avr.19	7016		26.avr.24
	21-40/52 Duct overtemperature	4800		5 years	973.81.32.212		2216.15	1730	26.avr.19	7016		26.avr.24
	21-30/48 Cabin altitude switch			5 years	965.23.21.533	1018135	2216.15	1730	26.avr.19			26.avr.24
	21-40/49 Cabin differential pressure switch			5 years			2216.15	1730	26.avr.19			26.avr.24
	21-30/47 Pressurization outflow valve and safety valve				959.90.91.123 959.90.91.131	115-A0052	2507:28	2016	07.avr.21			
	21-30/46 Cabin positive pressure relief	4800		4 years			2507:28	2016	07.avr.21	7307		07.avr.25
	21-50/59 Vapor cycle compressor motor drive belt	500 system operation hours				227				500		
	21-50/58 Vapor cycle compressor motor brushes	500 system operation hours				227				500		
	21-50/433 Vapor cycle compressor condenser module	500 system operation hours				227				600		
	21-50/461 Vapor cycle compressor motor (CCM P/N 959.90.22.140 (if installed)	600 system operating hours				227				600		
	21-50/462 Vapor cycle compressor motor drive belt (CCM P/N 959.90.22.140 (if installed)	600 system operating hours				227				600		
<b>22</b>	<b>Auto Flight</b>											
	22-10/60 Servo mount (pitch, roll and yaw)				985.92.03.171		2507:28	2016	07.avr.21			
<b>24</b>	<b>Electrical Power</b>											
	24-30/68 Battery NICAD 976.17.31.302	400		12 mth	31406-002 / 976.17.31.302	11501227	0	2507:28	2016	07.avr.21	2907	07.avr.22
	24-30/66 Generator 2 drive assembly housing (Post SB 24-010 and MSN 231-999)	1800				none	1982.5	1547	07.avr.17	3782		
	24-50/70 Emergency Power Supply Not installed			12 Mth						N/A		N/A
	24-30/62 Generator 1 and 2 ground points			2 years			2317,54	1869	01.jul.20			01.jul.22
<b>25</b>	<b>Interior</b>											
	8 Life vests			1 Year			2507:28	2016	07.avr.21			07.avr.22
	25-60/483 ELT annual check			1 Year			2507:28	2016	07.avr.21			07.avr.22
	First aid kit Inspection			1 Year			2507:28	2016	07.avr.21			07.avr.22
<b>26</b>	<b>Fire extinguisher</b>											
	26-20/24 Fire extinguisher			12 Mth	BA51015R-5	112359	2507:28	2016	07.avr.21			07.avr.22
<b>27</b>	<b>Flight Controls</b>											
	27-00/71 Flight Control cables including auto pilot and stick pusher cables	4800		5 year			2216.15	1730	26-avr-19	7016		26.avr.24
	27-30/334 Elevator control cables tension	300								N/A	N/A	N/A
	27-20/431 Rudder control cables tension	300								N/A	N/A	N/A
	27-50/72 Flap flexible drive shafts	2000			945.02.02.201 945.02.02.202		BW/E027 BWE0283	1982.5	1547	07.avr.17	3982	
	27-50/75 Flap screw actuators (Post SB 27-008 and MSN 321-999) 2 white	600	800	1 year		1074A - 0.1 0938A - 0.23	2507:28	2016	07.avr.21	3107,28	2816	07.avr.22
	27-50/76 Flap screw actuators (Post SB 27-008 and MSN 321-999) 2 black	2400	3200	24 month		140 - 0.25 2466 - 0.3	2507:28	2016	07.avr.21	4907,28	5216	07.avr.22
	Flap actuator lubrication			12month			2507:28	2016	07.avr.21			07.avr.22

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			Date :	1-SEP-2021		A/F Hours :	2580:27 / 2418:15		A/F Cycles :	2088				
Chapt.	Description	Inspection requirements	hours	Interval cycles	calendar	Partno.	Serial no.	Comp. Hrs.	last done at a/c			next due at a/c		
	F-GJFG S/N 256 MFD 02/1999								hours	cycles	calendar	hours	cycles	calendar
<b>28</b>	<b>Fuel</b>													
	28-40/78 Fuel low level warning system	Operational test 12-A-28-40-00-00A-9 03B-A	1200		4 year				2317,54	1869	01.juil.20	3517,54		30 juin 24
	28-10/306 Fuel cross vent and outward check valve	28-10/306 Operational test 12-A-28-10-01-00A-903A-A	2400						1891,7	1467	23.mars.16	4291		
<b>30</b>	<b>Ice and Rain Protection</b>													
	30-10/79 Airfoil de-icers CMM No. 30-10-31	Apply a surface coating of Age Master No. 1 in accordance with the manufacturers instructions CMM 30-10/31 (latest issue) The deice boot treatment with Age Master No 1 can be performed by the operator IAW the instructions given in the AFM Deicing Boot Care section			6 month				2507:28	2016	07.avr.21			07.oct.21
<b>32</b>	<b>Landing Gear</b>													
	32-10/80 Landing gear assemblies and wheel bearings	Lubricate 12-A-12-20-06-00A-902A-A			1 year				2507:28	2016	07.avr.21			07.avr.22
	32-10/81 MLG axels and bushes	inspection 12-A-32-10-00-00A-313A-A	2400		1 year				2507:28	2016	07.avr.21	4907,28		07.avr.22
	RH MLG wheel tire change	P/N 3-1543-1 S/N 0376 Tire P/N 025-350-0 S/N 0070T00282			each T/S				2507:28	2016	07.avr.21			
	LH MLG wheel tire change	P/N 3-1543-1 S/N 0371			each T/S				2010:10	1572	12.juin.17			
	NLG wheel tire change and NDT	3-1501 S/N0169			each T/S				1726:35	1313	18.oct.13			
<b>34</b>	<b>Navigation</b>													
	34-11/82 Static system	Leak check 12-A-34-11-20-00A-903A-A			2 years				2507:28	2016	07.avr.21			07.avr.23
	34-14/83 Altimeter pilot	Check calibration at an approved center in accordance with the regulation in force (Ref. FAR Part 91 411)			2 years	066-03062-0010	4049		2507:28	2016	07.avr.21			07.avr.23
	34-14/83 Altimeter copilot	Check calibration at an approved center in accordance with the regulation in force (Ref. FAR Part 91 411)			2 years	5035P-P41	4400		2507:28	2016	07.avr.21			07.avr.23
	34-21/84 Standby magnetic compass	Check swing 12-A-34-21-00-00A-903A-A			2 years				2317,54	1869	01.juil.20			01.juil.22
	34-25/85 Attitude Heating Reference System (AHRs)	Check swing 12-A-34-25-00-00A-903A-A			2 years				2317,54	1869	01.juil.20			01.juil.22
	34-54/86 Transponder System 1 GTX330D w ES	Functional test A-34-54-00-00A-903B-A FAR 91.413 check			2 years	011-00455-70	84206867		2317,54	1869	01.juil.20			01.juil.22
	34-54/86 Transponder System 2 GTX330D w ES	Functional test A-34-54-00-00A-903B-A FAR 91.413 check			2 years	011-00455-70	84206990		2317,54	1869	01.juil.20			01.juil.22
	Annual radio check				1 Year				2507:28	2016	07.avr.21			07.avr.22
<b>35</b>	<b>Oxygen</b>													
	35-20/87 Passenger oxygen masks	inspection/check 12-A-35-20-00-00A-313A-A			3 Years				2216.15	1730	26.avr.19			26.avr.22
<b>52</b>	<b>Doors</b>													
	52-10/88 Passenger/crew door A-25-22-03-00A-920A-A	Examine with trim removed	6000		6 years	552.05.12.007								
	12-A-52-10-00-00A-313A-A	Examine door hinge pin	4000		4 years				2216.15	1730	26.04.2019	6216		25.avr.23
			2000		2 years									
	52-30/89 Cargo Door	Examine with trim removed	6000		6 years	552.05.12.008								
	12-A-25-22-03-00A-920A-A	Examine door hinge pin	4000		4 years				2216.15	1730	26.04.2019	6216		25.avr.23
	12-A-52-30-00-00A-313A-A		2000		2 years									
	52-10/472 Eddy current inspection	Passenger/crew door shoot bolt fitting (only if SB 52-007 Part C is done)	3000	3600								N/A		N/A
<b>53</b>	<b>Fuselage</b>													
	53-00/90 Front pressure bulkhead	Examine with insulation removed	6000		6 years									
			4000		4 years				2216.15	1730	26.04.2019	6216		25.avr.23
			2000		2 years									
	53-00/91 Fuselage internal bottom surfaces	Examine examine frames 10,21,24,36 and Frames adjacent to doors and emergency exit,with insulation removed	6000		6 years									
			4000		4 years				2216.15	1730	26.04.2019	6216		25.avr.23
			2000		2 years									
	53-00/93 Structure around windows	Examine	6000		6 years									
			4000		4 years				2216.15	1730	26.04.2019	6216		25.avr.23
			2000		2 years									
	53-00/94 Door frames and emergency exit frame	Examine. If insulation installed in the door frames ans is wet, remove and discard it (no longer installed on production)	6000		6 years									
			4000		4 years				2216.15	1730	26.04.2019	6216		25.avr.23
			2000		2 years									
	53-00/92 Rear pressure bulkhead	Examine with trim removed	6000		6 years									
			4000		4 years				2216.15	1730	26.04.2019	6216		25.avr.23
			2000		2 years									

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Date :		1-SEP-2021		A/F Hours :		2580/27 / 2418:15		A/F Cycles :		2088			
Chapt.	Description	Inspection requirements		Interval	Partno.	Serial no.	Comp.	last done at a/c		next due at a/c			
F-GJFG S/N 256 MFD 02/1999		hours	calendar	calendar				hours	cycles	calendar	hours	cycles	calendar
55	<b>Stabilizer</b>												
	Examine as far as possible with panels removed	6000		6 years	555.10.12.037								
	55-10/95 Horizontal stabilizer internal surfaces and horizontal stabilizer interface	4000		4 years				2216.15	1730	26.04.2019	6216		25.avr.23
		2000		2 years									
	55-10/96 Vertical stabilizer internal surfaces	6000		6 years	555.30.12.037								
		4000		4 years				2216.15	1730	26.04.2019	6216		25.avr.23
		2000		2 years									
56	<b>Windows</b>												
	56-11/332 Cockpit side windows	Inspection 12-A-56-11-02-00A-313A-A	11000		10 years			1891,7	1467	23.03.2016	12891		23.3.2026
57	<b>Wing</b>												
	57-00/97 Wing internal surfaces and flap compartment	Examine as far as possible with panels removed	6000		6 years	557.05.12.011							
			4000		4 years	557.05.12.012		2216.15	1730	26.04.2019	6216		25.avr.23
			2000		2 years								
	57-00/98 Landing gear compartments	Examine, specially main and rear spar parts	6000		6 years		none						
			4000		4 years			2216.15	1730	26.04.2019	6216		25.avr.23
			2000		2 years								
	57-00/99 Wing to fuselage attachments	Examine attachment fittings	11000		10 Years		none	2216.15	1730	43581	13216		26.avr.29
61	<b>Propeller</b>												
	Propeller Hartzel 149 Owners manual	Lubricate (Ref. 12-20-05)	400		1 year	968.29.13.002		2507:28	2016	07.avr.21	2907.28		07.avr.22
	61-00/456 Owner's Manual 149	Periodic Inspections	400		1 year			2507:28	2016	07.avr.21	2907.28		07.avr.22
71	<b>Power Plant</b>												
	Power Plant 71-00/432	Refer to P&WC EMM 72-00-00 Periodic Inspection Table 601 MINOR& ROUTINE	300		1 year			2507:28	2016	07.avr.21	2807.28		07.avr.22
	Torque limiter test	12-A-71-00-00-00-A-903	300		1 year			2507:28	2016	07.avr.21	2807.28		07.avr.22
	Clean electrical connectors	71-00-00-03 engine TQ ,stick pusher transducer	300		1 year			2507:28	2016	07.avr.21	2807.28		07.avr.22
72	<b>Engine</b>												
	Accessory gearbox inlet screen	Inspection P&W MM 72-60-00	1000					1606			2606		
	Compressor performance recovery wash	Wash (Ref. 71-00-00)			1 year			2507:28	2016	07.avr.21	2807.28		07.avr.22
	Compressor desalination wash	Wash (Ref. 71-00-00)			1 year			2507:28	2016	07.avr.21	2807.28		07.avr.22
	Turbine wash	Wash (Ref. 71-00-00)			1 year			2507:28	2016	07.avr.21	2807.28		07.avr.22
	Hot section	Inspection	1750			Aircraft Hrs		1606.50			3356		
	First stage compressor	Examine (Ref. P&WC EMM 72-30-05)	1750					1741	1334	10.avr.14	3491		
	Corrosion inhibitor/Airintake	P&WC15-011			1 year			2507:28	2016	07.avr.21	2807.28		07.avr.22
	Power Turbine blades	First at 4000Hrs then every 300 HrsFor Post-SB14172 and Pre-SB14369 or Pre-SB14386 blades	4000								4000		
73	<b>Engine Fuel and Control</b>												
	Fuel pump inlet screen	Clean (Ref. P&WC EMM 73-10-02)	600			none		2216.15	1730	26.avr.19	2816.00		
	Fuel pump coupling shaft (Argo tech)	Examine for fretting corrosion (Ref. P&WC EMM 73-10-02)	600			none		N/A			N/A		
	Fuel manifold adapter and nozzle assemblies	Examine (Ref. P&WC EMM 72-00-00)	400			none		2507:28	2016	07.avr.21	2907.28		
	P3 Air filter	Clean (Ref. P&WC EMM 73-10-07)	300			none		2507:28	2016	07.avr.21	2807.28		
74	<b>Ignition</b>												
	Spark Igniters and cables	Cleanliness ,erosion,chaffina Ref. 74-20-01n and P&WC EMM 74-20-00	400		1 year	none		2507:28	2016	07.avr.21	2907.28		07.avr.22
76	<b>Engine controls</b>												
	76-10/117 Propeller feathering microswitches	76-10/117 Functional Test	3000		1 year			2507:28	2016	07.avr.21	5507.28		07.avr.22
79	<b>Oil</b>												
	Chip detector and accessory chip detector	Inspect Chip detectors and perform continuity and bridge check (Ref. P&WC EMM 79-20-02)	300		1 year	none		2507:28	2016	07.avr.21	2807.28		07.avr.22
	AGB internal scavenge pump	Check the AGB internal scavenge pump inlet screen 72-60-00.	300		1 year	none		2507:28	2016	07.avr.21	2807.28		07.avr.22
	Filter check	Inspect the oil filter and secondary screen	300					2507:28	2016	07.avr.21	2807.28		
	Oil sample	Pre-SB14267, Pre-SB14320 Post 79-003 (150)	300					2507:28	2016	07.avr.21	2807.28		07.avr.22