

AIRCRAFT LOG

ADMCOM

AFC MODEL: 1450P3

A/C N#: 9040F

A/C S/N: 3676

BASE: RNONVM

DATE: 7-7-09

PAGE: 410471

TIME (In Tenths)	ACTT	ENGINE #1 S/N <u>238001</u>			ENGINE #2 S/N			PROP #1 S/N		PROP #2 S/N	
		EngTT	STARTS / N _G	NP	EngTT	STARTS / N _G	NP	PropTT	PropTT	PropTT	PropTT
Total Fwd →	<u>2873.4</u>	<u>4369.5</u>	<u>14752.52</u>	<u>3780.60</u>	/	/	/	/	/	/	/
Hrs Today →	<u>6.4</u>	<u>6.4</u>	<u>3.06</u>	<u>1.88</u>	/	/	/	/	/	/	/
Total →	<u>3879.8</u>	<u>5375.9</u>	<u>14255.58</u>	<u>3782.48</u>	/	/	/	/	/	/	/

Power Assurance Check	Engine	PA	O.A.T.	NP	NG	TOT/MGT	TORQUE	RESULTS	PILOT
	1								
	2								

Item	VOR	Power	AD 01-26-09	AD 03-22-06	124	4.25	B-61	B-62	MD5-9H	Aircraft Landings
Next Due	<u>11-09</u>	#1 <u>5396.1</u> #2	<u>Daily</u>		<u>3892.7</u>	<u>3920.0</u>	<u>5386.1</u>	<u>5416.1</u>	<u>5386.0</u>	Total Landings Fwd → <u>12456</u> Landings Today → <u>5</u> Landings Total → <u>12441</u>

Maintenance Record Entries (content & requirements I / A / W FARs)

VISUALLY INSPECTED TAIL ROTOR BLADES IN ACCORDANCE WITH
AD 2001-26-55 PARA (A) DATED 12-27-01 AND TAIL ROTOR P/C LINKS IN
ACCORDANCE WITH AD 2003-22-06 PARA (A) DATED 12-03-03 AND
DETERMINED TO BE IN AIRWORTHY CONDITION. DUE DAILY.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I.A.W.
PRE / POST FLIGHT AIRWORTHINESS CHECK AS PER G.O.M. AND R.E.M.
AND REVIEWED AIRCRAFT STATUS REPORT WITH NO DEFECTS OR
DISCREPANCIES NOTED.

DATE 7-1-09 ACTT 3873.4
SIGN [Signature] CERT TYPE & NO [Blank]

① REMOVE BLADES	7-7-09	RMVD	P/N 355A-11-0030-02	S/N 23891	BLUE
7-8-09 ACTT 3879.8	①	ACTT 3879.8	P/N 355A-11-0030-02	S/N 23849	YELLOW
			P/N 355A-11-0030-02	S/N 23896	RED
			RMVD (2) SIDE TRANS. COWL		
② Main Rotor Blades	7-8-09	ACTT 3879.8	Installed Main Rotor Blades S/N 23891,		
Remove Install Trans Cowl			23849 23896, and left side Trans Cowl All work		
7-8-09 ACTT 3879.8			Done in Reference to Eurocopter MSM.		

AIRCRAFT LOG

AFC MODEL: AS350B3 A/C N#: 904CF A/C S/N: 3676 BASE: ADMCOM DATE: 7/8/09 PAGE: 410472

TIME (In Tenths)	ACTT	ENGINE #1 S/N <u>22001</u>			ENGINE #2 S/N			PROP #1	PROP #2
		EngTT	STARTS / N _G	NP	EngTT	STARTS / N _G	NP	S/N PropTT	S/N PropTT
Total Fwd →	3879.8	5375.9	14255.58	3782.48	/	/	/	/	/
Hrs Today →	.6	.6	0.81	0.35	/	/	/	/	/
Total →	3880.4	5376.5	14256.39	3782.73	/	/	/	/	/

Power Assurance Check	Engine	PA	O.A.T.	NP	NG	TOT/MGT	TORQUE	RESULTS	PILOT
	1	6300	30°C	370	95.4	768°C	61.1%	GOOD ↓	JS PRESSMAN
	2						TQ +63% 6000	VEND T4 M261N	-57°C 6000

Item	VOR	Power	AD01-26-55 AD03-22-06	A-24	A-25	B-61	B-62	M0-5-0/H	Aircraft Landings
Next Due	11-09	#1 5386.1 #2	AD03-22-06 DAILY	3892.7	3920.0	5386.1	5416.1	5386.0	Total Landings Fwd → 12441 Landings Today → Landings Total → 12442

Maintenance Record Entries (content & requirements I / A / W FARs)

7-8-09 ACTT: 3879.8 Z.E.A. HANDLES REMOVED FOR AIRCRAFT S/N 3268
SEE C#TAG 139121 & 139124

Date 7/8/09 ACTT 3879.8 Complied with AD 2003-22-06 Para (a) dated 12-3-03. Inspected T/R PC Links for play. Found within limits, due next daily. Complied with AD 2001-26-55 Para (a) dated 2-26-02. Inspected T/R tab area for skin cracks. Found Airworthy. Due Next Daily. Aircraft Daily Maintenance Check performed, Aircraft Status Report reviewed, no defects or discrepancies noted
Signature [REDACTED]
Cert Type / # [REDACTED]

AIRCRAFT LOG

AFC MODEL: AS350B3 A/C N#: 904CF A/C S/N: 3676 BASE: Amc DATE: _____ PAGE: 410473

ENGINE #1

GOLD METAL PAINT CO- FTG
303-907-5385 11/16/09
WFO F4808-510 A/C AS350 R3 SER# 3676 N904CF
Prep/paint damage paint areas. Paint-PPG, 912480 Ocean
Blue, 33604 DK Gray Met, 33607 Sky Silver, 301225
Silver, 36366 Starlight Silver Met. Flt. Controls
not removed, weight balance not affected.

Business Mgr 11-26-09

Gold Medal Paint Co. Date 10/15/2009

Customer: AIR METHODS

Job # N904CF

Manufacturer: MISCELLANEOUS

Brand Code: 301225 Main Layer 301225

OEM Code:

Description: SILVER

Mixing Scheme: DELFLEET (FBC)

Price Code C

VOC Reg. 5.16 lbs/gal (618 g/L)

VOC Act. 5.16 lbs/gal (618 g/L)

Variant: PRIME

Revision Date: 12/31/1969

Density: 992 g/L

Total Weighed: 32 U.S. Fluid Ounces

MSDS: FBC1

Notes:

PPG CONFIDENTIAL INFORMATION This color information is the proprietary property of PPG Industries, Inc. and must be maintained in strict confidence. Access and use are

Gold Medal Paint Co.

Date 10/15/2009

Customer: AIR METHODS

Job # N904CF

Manufacturer: IBM

Brand Code: 33604 Main Layer 33604

OEM Code: FLEET

Description: DK GRAY MET

Mixing Scheme: DELFLEET (FBC)

Price Code C

VOC Reg. 5.18 lbs/gal (620 g/L)

VOC Act. 5.18 lbs/gal (620 g/L)

Variant: PRIME

Revision Date: 12/31/1969

Density: 971 g/L

Total Weighed: 66.91 U.S. Fluid

Ounces

Notes:

PPG CONFIDENTIAL INFORMATION This color information is the proprietary property of PPG Industries, Inc. and must be maintained in strict confidence. Access and use are

ENGINE #2

EngTT	S/N	STARTS / N _G	NP	PROP #1 S/N PropTT	PROP #2 S/N PropTT

restricted to recipient and its employees who have a need to know.

Brand Code: 301225 Main Layer 301225

Total Weighed 32 U.S. Fluid
Ounces

SKU	Desc.	Inc.(part)	Cum.(part)
F3604	CRS. ALUM.	432.0	432.0
F3700	METALLIC ADJUSTER	55.3	487.3
F3500	WHITE	31.1	518.4
F3547	BLACK	25.9	544.3
F3545	BLUE	3.8	548.1
F3535	VIOLET	2.5	550.6
F3140	BINDER	508.2	1058.8

Comments

RESULTS

PILOT

Aircraft Landings

Total Landings Fwd → _____

Landings Today → _____

Landings Total → _____

restricted to recipient and its employees who have a need to know

Brand Code: 33604 Main Layer 33604

Total Weighed 66.91 U S
Fluid Ounces

SKU	Desc.	Inc.(part)	Cum.(part)
F3547	BLACK	385.8	385.8
F3700	METALLIC ADJUSTER	310.6	696.4
F3535	VIOLET	117.8	814.2
F3604	CRS. ALUM.	107.2	921.4
F3545	BLUE	86.8	1008.2
F3603	CRS. ALUM.	75.0	1083.2
F3140	BINDER	1083.3	2166.5

Comments

AIRCRAFT LOG

AFC MODEL: AS350 B3

A/C N#: 904CF

A/C S/N: 3676

BASE: AMC

DATE: _____

PAGE: 410474

TIME (In Tenths)		ACTT	ENGINE #1			ENGINE #2			PROP #1		PROP #2	
			S/N	STARTS / N _G	NP	S/N	STARTS / N _G	NP	S/N	PropTT	S/N	PropTT
Total Fwd →						restricted to recipient and its employees who have a need to know						
Hrs Today →		Gold Medal Paint Co. Customer: AIR METHODS Manufacturer: PRC DESOTO Brand Code: 912480 Main Layer 912480 OEM Code: IM0611 Description: OCEAN BLUE Mixing Scheme: DELFLEET (FBCH Met/Mica) Price Code C VOC Reg. 4.2 lbs/gal (503 g/L) VOC Act. 4.2 lbs/gal (503 g/L) Variant: PRIME Revision Date: 12/31/1999 MSDS: FBCH1	Date 10/15/2009 Job # N9D4CF			Brand Code: 35407 Main Layer 35407			Total Weighted 64.64 U.S. Fluid Ounces			
Total →						SKU	Desc.	Inc.(part)	Conn.(part)			
						F3550	CLEAR	143.9	143.9			
						F3602	CRS. ALUM.	383.6	627.5			
						F3700	METALLIC ADJUSTER	249.4	776.9			
						F3605	MED. ALUM.	192.0	968.9			
						F3547	BLACK	60.0	1028.9			
						F3509	BLUE	12.1	1041.0			
						F3607	MAGENTA	9.7	1060.7			
						F3510	MAROON	2.8	1053.5			
						F3633	STR WHITE	2.3	1055.8			
Power Assurance Check				NP	N					SULTS	PILOT	
		Notes: PPG CONFIDENTIAL INFORMATION This color information is the proprietary property of PPG Industries, Inc. and must be maintained in strict confidence. Access and use are										
Item	VOK	Power								Aircraft Landings		
Next Due		#1								Total Landings Fwd →		
		#2								Landings Today →		
										Landings Total →		

Maintenance Record Entries (content & requirements I / A / W FARs)			
Gold Medal Paint Co.	Date 10/15/2009	restricted to recipient and its employees who have a need to know	
Customer: AIR METHODS	Job # N904CF		
Manufacturer: MACK			
Brand Code: 33607 Main Layer 33607			
OEM Code: 33607			
Description: SKY SILVER			
Mixing Scheme: DELFLEET (FBC)			
Price Code C			
VOC Reg. 5.27 lbs/gal (631 g/L)			
VOC Act. 5.27 lbs/gal (631 g/L)			
Variant: M(M)			
Revision Date: 12/31/1969	Density: 990 g/L		
	Total Weighed: 64.58 U.S. Fluid		
MSDS, FBCI	Ounces		
Notes:			
100% CONFIDENTIAL INFORMATION This color information is the proprietary property of			
PPG Industries, Inc. and must be maintained in strict confidence. Access and use are			
		Total Weighed: 125.99 U.S.	
		Fluid Ounces	
		Bin Code: 012460 Main Layer 012460	
SKU	Desc.	Inc.(part)	Cum.(part)
F3125	BINDER	805.8	805.8
F3710	ADDITIVE	807.9	1613.7
F3546	NIGHT BLUE	923.4	2537.1
F3501	BLUE	369.1	2906.2
F3603	CRS. ALUM.	235.1	3141.3
F3543	BLACK	84.0	3225.3
F33XX SLVT	SOLVENT	872.9	4098.2
Comments			

AIRCRAFT LOG

AFC MODEL: _____ A/C N#: _____ A/C S/N: _____ BASE: _____ DATE: _____ PAGE: 410475

N904CF

AS350 B3 S/N: 3676

Total Time: 3880+24 Landings: 12442

The following Maintenance, Inspections, and Modifications were performed at the dates indicated below:

GENERAL MAINTENANCE/INSPECTIONS:

1. In accordance with Air Methods Operations Memo Dated: 18 September 2009- Airframe and Engine Time Conversion From Tenths To Minutes: This aircraft and engine are now calculating flight time in hours and minutes. The current airframe total time is converted from: 3880.4 to 3880+24. The current engine total time is converted from: 5376.5 to 5376+30.
2. MID# 500-100-30: Performed A24 30hr inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
3. MID# 500-100-40: Performed A25 50 hr inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
4. MID# 500-100-50: Performed A26 100 hr inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
5. MID# 500-100-60: Performed A27 110 hr inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/05/2009.
6. MID# 500-100-70: Performed A28 200hr inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
7. MID# 500-100-90: Performed A30 350 hr inspection in accordance with AMC AS350 B3 AAIP. C/W on 10/28/2009.
8. MID# 500-100-100: Performed A31 400 hr inspection in accordance with AMC AS350 B3 AAIP. C/W on 10/28/2009.
9. MID# 500-100-110/115: Performed A32 500 hr/24 month inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
10. MID# 500-100-130/135: Performed A34 600 hr/24 month inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
11. MID# 500-100-150: Performed A36 1200 hr inspection in accordance with AMC AS350 B3 AAIP. C/W on 10/28/2009.
12. MID# 500-100-200: Performed A41 7 day inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/04/2009.
13. MID# 500-100-210: Performed A42 30 day inspection in accordance with AMC AS350 B3 AAIP. N/A at this time due to equipment not installed/operating environment. C/W on 10/28/2009.
14. MID# 500-100-220: Performed A43 2 month inspection in accordance with AMC AS350 B3 AAIP. C/W on 10/28/2009.
15. MID# 500-100-230: Performed A44 3 month inspection in accordance with AMC AS350 B3 AAIP. C/W on 10/28/2009.
16. MID# 500-100-240: Performed A45 6 month inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
17. MID# 500-100-270: Performed A48 30 month inspection in accordance with AMC AS350 B3 AAIP. C/W on 10/28/2009.
18. MID# 500-100-280: Performed A49 36 month inspection in accordance with AMC AS350 B3 AAIP. C/W on 10/28/2009.
19. MID# 500-200-40: Performed C84 100 hr ICA inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
20. MID# 500-200-105: Performed C90 400 hr/6 month inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
21. MID# 500-200-130: Performed C93 30 Day Placard inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
22. MID# 500-200-145: Performed C94 3 month/100hr ICA inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
23. MID# 500-200-160: Performed C96 6 month ICA inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
24. MID# 500-200-200: Performed C100 24 month ICA inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/04/2009.
25. MID# 500-200-210: Performed C101 3 month ICA inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
26. MID# 500-200-220: Performed C102 3 month #1 LOX Bottle inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/02/2009.
27. MID# 500-200-230: Performed C103.2/3 100 hr ICA Nicad Battery inspection in accordance with AMC AS350 B3 AAIP. N/A at this time due to Nicad battery not currently installed. C/W on 10/28/2009.
28. MID# 2562-100-10: Removed ELT P/N 453-0150-01 S/N 72690 ACTT: 3880+24. Installed Artex C406N-HM ELT Assembly P/N 453-5061 S/N: 08209 Battery P/N 452-0133, NSN, expiration date: Mar 2014 C/W on: 10/28/2009.
29. MID# 2622-100-10: Complied with 30 day Portable Fire Extinguisher Inspection IAW NFPA-10 on Amerex Model B417 Fire Extinguisher S/N:ZD-701565, bottle Mfr. Date: 2007. C/W on: 11/4/2009.
30. MID# 2622-100-20: Complied with Annual Portable Fire Extinguisher Inspection IAW NFPA-10 on Amerex Model B417 Fire Extinguisher S/N:ZD-701565, bottle Mfr. Date: 2007. C/W on: 11/4/2009.
31. MID# 3400-100-10: Removed Transponder P/N 066-01141-0201 S/N 30905 ACTT: 3880+24. Installed Transponder - Garmin GTX-330 P/N 011-00230-00 S/N: 84132087 meets the requirements of FAR 43, Appendix F as required by FAR 91.413. C/W on: 27 Oct 2009.
32. MID# 3400-100-20: Altimeter Certification - Removed Altimeter P/N 704A47210077, S/N 168658 ACTT: 3880+24. Installed Altimeter P/N 5934PD-3 S/N: 423287, certified to 25,000 feet in accordance with FAR 91.411, Part 43, Appendix E, Static System and Altitude reporting check satisfactory in accordance with FAR 91.411, FAR 43 Appendix E & F. C/W on: 10/21/2009.
33. The following equipment and associated wiring have been permanently removed: Reference FAA form 337 dated 11/10/2009.
Geneva Instrument Panel, STC# SR00242SE previously installed under FAA form 337 dated 8/12/2003.
LOX System, STC# SR00529DE previously installed under FAA form 337 dated 9/22/2003.
Supplemental Lighting & Filtration System, STC# SR01390SE previously installed under FAA form 337 dated 3/24/2005.

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AFC MODEL: _____ A/C N#: _____ A/C S/N: _____ BASE: _____ DATE: _____ PAGE: 410476

Grimes Searchlight previously installed under Field Approved FAA form 337 dated 8/14/2003.
 Composite Interior, STC# SR00308DE previously installed under FAA form 337 dated 8/12/2003.
 Narcotics Storage Box previously installed under Field Approved FAA form 337 dated 8/13/2003.
 Aft Baggage Door Hinges previously installed under Field Approved FAA form 337 dated 8/14/2003.
 Dual Garmin GNS 430 previously installed under Field Approved FAA form 337's dated 9/14/2003.
 Motorola 800 MHz Radio Provisions previously installed under Field Approved FAA form 337's dated 9/14/2003.
 CP-2 Outerlink System previously installed under Field Approved FAA form 337's dated 9/14/2003.
 Audio System previously installed under Field Approved FAA form 337's dated 9/14/2003.
 Compass System previously installed under Field Approved FAA form 337's dated 9/14/2003.
 ELT System previously installed under Field Approved FAA form 337's dated 9/14/2003.
 Avionics Bus previously installed under Field Approved FAA form 337's dated 9/14/2003.
 Avionics Cooling Fan previously installed under Field Approved FAA form 337's dated 9/14/2003.
 FM Communications System previously installed under Field Approved FAA form 337's dated 9/14/2003.
 Radar Altimeter previously installed under Field Approved FAA form 337's dated 9/15/2003.
 Transponder previously installed under Field Approved FAA form 337's dated 9/15/2003.

The following components were re-installed as part of new Avionics STC:

GNS 430's (2ea) P/N: 011-00280-10
 Comant Glide Slope P/N: CI 193
 NAT Tac/Com II FM TH450A "Main" Control Head P/N: TH450B-6JJLB
 NAT Tac/Com II Fm TH460B "Slaved" Control Head P/N: TH460B-6ZZZZ
 NAT VHF "FM1" Transceiver P/N: NTX138-000
 NAT UHF "FM2" Transceiver P/N: NTX403-000

NAT "Pilot/Co-Pilot" Audio Panel P/N: AA95-912N
 NAT "Crew" Audio Panel P/N: AA95-913N
 Bendix/King KRA 405B Radar Altimeter Receiver/Transmitter P/N: 066-01153-0101
 Bendix/King KNI 416 Radar Altimeter Indicator P/N: 066-03044-0001
 KGS Electronics 28VDC-110VAC Static Inverter P/N: SS120

34. Installed Emergency Medical System (EMS) in accordance with Air Methods Corporation STC#SR00528DE-D dated 9 Dec 2005. Reference FAA form 337 dated 11/10/2009.
 The following Minor Mechanical deviations were made:
 Installed Medical Circuit Breaker Panel in accordance with AMC Drawing 749-1409 Rev - dated 3/24/2009.
 Installed Recessed Medical Panel Doubler in accordance with AMC Drawing 749-1410 Rev - dated 3/24/2009.
 Installed Heater Outlet Plug in accordance with AMC Drawing 749-1412 Rev - dated 3/24/2009.
 Reference Air Methods Technical Document 040-1860 Rev - dated September 1, 2009 for deviation approval. For Structural Substantiation reference FAA form 8110-3 dated 10/13/2009.
 Installed Remsa Recessed Medical Panel and Dedicated Shore Heater Outlet in accordance with AMC Drawing 749-1362 Rev- dated 2/26/2008. For Structural Substantiation reference FAA form 8110-3 dated 11/3/2009. Wired Recessed Medical Panel in accordance with AMC drawing 748-1362 Rev - dated 11/12/07. Dedicated Shore Heater Outlet was wired in accordance with AMC Wiring Diagram 743-5230 Rev - dated 11/29/2007 w/ ECO 10893 dated 4/29/2009. For Electrical Substantiation reference FAA form 8110-3 dated 11/8/2009.
 Medical Inverter Switch Modified in accordance with AMC Wiring Diagram 743-5238 Rev- dated 4/25/08. For Electrical Substantiation reference FAA form 8110-3 dated 11/8/2009.
 Installed Lateral Floor Tracks in accordance with AMC Drawing 749-1364 Rev - dated 2/28/09. For Structural Substantiation reference FAA form 8110-3 dated 11/3/2009.
35. Installed Liquid Oxygen (LOX) System approved under STC# SR00529DE-D dated 11 Dec 2006. Reference FAA form 337 dated 11/10/2009.
 The following Minor deviations were made:
 Oxygen Line was re-routed in accordance with AMC drawing 749-1388 Rev - dated 3/24/2009.
 Installed Oxygen Shutoff Doubler in accordance with AMC drawing 749-1408 Rev - dated 3/24/2009.
 Reference Air Methods Technical Document 040-1860 Rev - dated September 1, 2009 for deviation approval. For Structural Substantiation reference FAA form 8110-3 dated 10/13/2009.
36. Installed Reduced Instrument Panel, Pedestal/Optional Avionics System approved under STC# SR00617DE-D dated 28 Sept 2007. Reference FAA form 337 dated 11/10/2009.
 The following Minor Mechanical deviations were made:
 Installed Dual AA34 Audio Amplifier in accordance with AMC Drawing 749-1373 Rev - dated 12/27/2007.
 Installed NAT Radio Racks in accordance with AMC Drawing 749-1377 Rev - dated 5/15/2008.
 Modified Pilot Barrier Radio install in accordance with AMC Drawing 749-1386 Rev - dated 6/4/2008.
 Relocated Doppler Amp in accordance with AMC Drawing 749-1387 Rev - dated 3/24/2009.
 Installed Searchlight Connector Bracket in accordance with AMC Drawing 749-1389 Rev - dated 3/24/2009.
 Modified Pedestal Install in accordance with AMC Drawing 749-1411 Rev - dated 3/24/2009.

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Relocated GPS# 1 Antenna in accordance with AMC Drawing 749-1415 Rev - dated 4/17/2009.
Relocated GPS# 2 Antenna in accordance with AMC Drawing 749-1416 Rev - dated 4/17/2009.
Relocated ELT Antenna in accordance with AMC Drawing 749-1417 Rev - dated 4/17/2009.
Relocated Transponder Antenna in accordance with AMC Drawing 749-1418 Rev - dated 4/17/2009.
Installed Sky Track Antenna in accordance with AMC Drawing 749-1420 Rev - dated 4/28/2009.
Installed 406MHz Antenna in accordance with AMC Drawing 749-1421 Rev - dated 4/28/2009.
Installed 138MHz Antenna in accordance with AMC Drawing 749-1422 Rev - dated 4/28/2009.
Installed Nav Antenna Splitter in accordance with AMC Drawing 749-1423 Rev - dated 4/28/2009.
Installed Fuel Pump Annunciator and RPM Adjustment Rheostat in accordance with Drawing 749-1424 Rev - dated 5/7/2009.
Reference Air Methods Technical Document 040-1860 Rev - dated September 1, 2009 for deviation approval on above listed items. For Structural Substantiation reference FAA form 8110-3 dated 10/13/2009.
Modified Pedestal in accordance with AMC Drawing 749-1411 Rev - dated 3/24/09. For Structural Substantiation reference FAA form 8110-3 dated 11/3/2009.
Installed Sky Trac Leveling Spacer in accordance with AMC Drawing 749-1431 Rev - dated 9/1/2009. For Structural Substantiation reference FAA form 8110-3 dated 11/3/2009.

The following Minor Electrical deviations were made:

Wired Avionics Cooling Fan in accordance with AMC Wiring Diagram 743-5243 Rev - dated 5/5/2009.
Wired Com/Nav Transfer Switch in accordance with AMC Wiring Diagram 743-5244 Rev - dated 5/7/2009.
Wired NR Gauge Lighting in accordance with AMC Wiring Diagram 743-5245 Rev - dated 5/6/2009.
Wired Co-Pilot Map Light in accordance with AMC Wiring Diagram 743-5239 Rev - dated 5/6/09.

Reference Air Methods Technical Document 040-1860 Rev - dated September 1, 2009 for deviation approval Section 9.0 Only. For Electrical substantiation reference FAA form 8110-3 dated 11/8/2009.

37. Installed an incremental installation of FM 4 (800 MHz) System Provisions in accordance with Air Methods Corp Wiring Diagram 743-5189 Rev (-), dated: 8/06/07. Electrical substantiation is provided by FAA form 8110-3, dated 11/8/2009. Electrical Load Analysis was performed in accordance with AMTD 040-1693. Installed 800 MHz Provision in accordance with Air Methods Corp. drawing 749-1360 Rev (-), dated 9/10/07. Structural substantiation is provided by FAA form 8110-3, dated 11/3/2009. The FM 4, 800MHz system has been capped and stowed and the circuit insulated by pulling and collaring 7.5A circuit breakers labeled FM4 and 800Mhz. Installed an incremental installation of Macom (800 MHz) System Provisions in accordance with Air Methods Corp Wiring Diagram 743-5193 Rev (-), dated: 2/25/08. Electrical substantiation is provided by FAA form 8110-3, dated 11/8/2009. Used 800 MHz Antenna Previously installed at FS 73.0", LBL 5.25" under Field Approved FAA form 337 dated 9/14/2003. The Macom, 800MHz system has been capped and stowed and the circuit insulated by pulling and collaring 7.5A circuit breakers labeled Macom. Instructions for Continued Airworthiness reference: 800 MHz Power Supply and AA-34 Installation for an AS350, Rev IR, dated: 5 March 2009. Reference FAA form 337 dated: 11/10/2009.
38. Installed Aft Jump Seats in accordance with Air Methods STC# SR00534DE-D dated 10 November 2006. Reference FAA Form 337 dated: 11/10/09.
39. Installed Single Retractable/Controllable Searchlight approved under STC# SR00662DE-D dated 12 June 2008. Reference 337 dated: 11/10/2009.
40. Installed DART AEROSPACE Aft Door Hinge Modification approved under STC# SH1012NE dated 21 May 2002. Reference 337 dated: 11/10/2009.
41. Installed AEC Door Closure/Hold Cylinder approved under STC# SH7351SW-D dated 30 June 2003. Reference FAA form 337 dated: 11/10/2009.
42. Complied with Spectrolab SX-5 Starburst Searchlight information Letter dated 5 November 2009, C/W on: 11/06/2009.
43. Repaired Battery Shelf IAW AMC Drawing 749-1428 and AMTD 040-1860 Rev - dated 9/012009. Reference Air Methods Technical Document 040-1860 Rev - dated September 1, 2009 for deviation approval. For Structural substantiation reference FAA form 8110-3 dated 10/13/2009.
44. Remove and replaced battery hold down brackets. Brackets fabricated and installed IAW AMC Drawing 749-1429 Rev - dated 8/19/2009. For Structural Substantiation reference FAA form 8110-3 dated 8/25/2009.
45. Removed Starflex PN: 350A31-1917-00 SN: M1425, TSN: 2381.48, ACTT: 3880.24. Installed Starflex PN: 350A31-1917-01 SN: M5169, TSN: 0.0, ACTT 3880.24, IAW AEC MM 62.20.00.402. C on: 10/22/2009.
46. Removed ELT P/N 453-0150-01 S/N 72690 ACTT: 3880.24. Installed Artex C406N-HM ELT Assembly P/N 453-5061 S/N: 08209 Battery P/N 452-0133, NSN, expiration date: Mar 2014 C/W on: 10/28/2009.
47. Installed Cabin Helmet Hangars 2ea PN: 900-4361 in accordance with AMC photo conformity 749-1003 Cert# C-6967, C/W on: 11/04/2009.
48. Installed Reupholstered Pilot and Co-Pilot Seats with Toy Store Dolls fabric Cert # C-13899, C/W on: 10/29/2009.
49. Installed Pilots Seatbelt, Pacific Scientific P/N: 1111499-09, Date of Mfg. 8/2002, C/W on: 11/04/2009.
50. Installed Co-Pilots Seatbelt, Pacific Scientific P/N: 1111499-49, Date of Mfg. 7/2008, C/W on: 11/04/2009.
51. Installed Pilot RFM Plastic Pouch using Kydex 100 .125 Cert # C-12866, C/W on: 11/05/2009.
52. Installed AFT Wall Pouches in accordance with AMC photo conformity 749-1402 using blue LeatherTex Cert # 13805, C/W on: 10/29/2009.
53. Installed Pilot Seatback Pouches in accordance with AMC photo conformity 900-7922 Cert # C-13805, C/W on: 10/29/2009.
54. Weighed aircraft in Medical Configuration. C/W on: 11/04/2009.

AIRCRAFT LOG

AFC MODEL: _____ A/C N#: _____ A/C S/N: _____ BASE: _____ DATE: _____ PAGE: 410478

NOTE: The following AD's & SB's have been researched, and any that are applicable have been addressed.

Airframe AD's:

1. AD# 2001-26-55 Prevent failure of the T/R blade. Daily inspection required. C/W on 11/11/2009.
2. AD# 2002-03-52 Detect bonding failure between metal bushing and starflex arm end. N/A, P/N: 350A31-1917-01 Starflex installed at this time.
3. AD# 2002-15-08 Prevent failure of cargo hook. Not applicable, equipment not installed.
4. AD# 2003-22-06 Prevent separation of the outboard spherical bearing of the T/R P/C link. Daily inspection required. C/W on 11/11/2009.
5. AD# 2003-22-11 Prevent failure of servo control. Not applicable by serial numbers of installed components: 220, 1778, 957, 1172.
6. AD# 2003-25-01 Prevent failure of hoist. Not applicable, equipment not installed.
7. AD# 2003-26-14 Prevent use of hand held halon fire extinguishers with possible slow discharge. Not applicable, Kidde fire extinguisher not installed.
8. AD# 2007-12-22 Prevent ice from forming in the hydraulic system. To be complied with if flight is intended with forecasted weather below 15 degrees Celsius at or below your planned flight altitude, replace hydraulic fluid if not changed within the past 100hrs time in service or past 30 days. No action required at this time due to forecast temperatures.

Airframe ASB & SB's:

1. SB# 01.00.52 Main and Tail TRW SAMM Servo controls. Not applicable to currently installed P/N: SC5083 S/N's: 1778, 957, P/N: SC5084 S/N: 1172, PN: SC5072 S/N: 220.
2. SB# 05.00.59 - Visual Check for Cracks in the Lower Crossbeams of the Yaw Control Bellcrank Support. *All. Complied with para 2B1, no defects noted. Next due at aircraft T inspection.
3. SB# 05.00.61 Engine Controls Functional check of the 2 contactors 53Ka and 53Kb, used to switch from IDLE mode to FLIGHT mode or from FLIGHT mode to IDLE mode. *B3 Mod 073254 (Arriel 2B1). Comply with para 2. of this ASB without exceeding 100 flying hrs from receipt of ASB. Then, Comply with para 2. of this ASB every 600 flying hrs.
4. SB# 33.00.22 Upgrade of LED position lights Rev O. Complied with SB in its entirety by replacing position lights from incandescent to LED's. No further action required.
5. SB# 62.00.31 Main Rotor Frequency Damper Ventilation. Recommended. Comply with Para. 2.A and 2.B. at next aircraft T inspection. No action take at this time.
6. SB# 67.00.33 Rotor Flight Controls. Twist grip functional improvement. Comply with paragraph 2.B. of this Alert Service Bulletin, at the latest 18 months after promulgation at the date mentioned in footer of this bulletin. *B3. Mandatory. N/A applicable P/N: solenoid not installed at this time.
7. SB# 67.00.44 Servo-Controls; Modification to the tail servo-control attachment on the structure. Comply with para 2 during a forthcoming scheduled inspection without exceeding 6 months following receipt of this Service Bulletin. Due 31Oct 09. Currently installed lever P/N: 355A27-0082-00, C/W Par. 2.B.2a.2
8. SB# AMC SB 08-02 AS350 with STC SR00617DE-D. Aircraft with Pulse Width Modulator not installed. N/A, PWM install accomplished in Rev A of AMC drawing 743-5175-002.
9. SB# AMC SB 09-02 Diode Installation for AS350 Avionics STC# SR00617DE-D. N/A, Sky Connect System not installed. SB is N/A Sky Connect not installed at this time.
10. SB AS350-100 Air conditioner compressor/transmission strut interference. All equipped with Air Comm air conditioning. *All (flat belt configuration). N/A, Air Comm A/C not installed.
11. SB AS350-101 Air conditioner compressor/transmission strut interference. All equipped with Air Comm air conditioning. *B3 (poly-v belt configuration). N/A, Air Comm A/C not installed.
12. AMC SB 09-07 Replacement of Flex Hoses. SB was complied with at the Assembly level. No further action required.
13. Garmin SB 0543 Complied with software upgrade per SB.
14. Garmin SB 848 Upgraded the main software version to 3.20 and GPS version to 3.2 on 400W's.
15. Garmin SB 852 Upgraded the GDL 69 software version to 3.30 Rev C
16. Garmin SB 905 Upgraded the GMX-200 software to version 2.13 Rev A

Engine: Turbomeca Arriel 2B S/N: 22001
ETT: 5376+30 NG Cycles: 14256.39 NP Cycles: 3782.73

The following Maintenance, Inspections, and Modifications were performed at the dates indicated below:

GENERAL MAINTENANCE/INSPECTIONS:

1. Removed Engine Arriel 2B S/N: 22001 TSN: 5376+30 and sent out for repair. Installed same P/N: S/N: engine TSN: 5376+30 C/W on 10/29/2009.
2. Performed Engine Power Assurance, Checked Good, ETT: 5376+30 on 11/11/09.

NG: 95.9%	NF: 394 rpm	T4 Margin: - 45 C Good
T4: 777 C	HP: 6410	
TQ: 69.7%	OAT: 16 C	TQ: +3.7% Good

NOTE: The following AD's & SB's have been researched, and any that are applicable have been addressed.

AIRCRAFT LOG

AFC MODEL: _____ A/C N#: _____ A/C S/N: _____ BASE: _____ DATE: _____ PAGE: 410479

Engine AD's

1. AD# 2009-01-11 Perform a one-time inspection of the HMU Low Pressure Switch. N/A due to p/n 9550179130 installed.

Engine SB's

1. SB 292-73-2823 Fuel Systems -- Fuel System; Check of the start electro-valve sealing. Accomplish during the next maintenance operation then every 100 hours. This bulletin is recommended. C/W initial leak check per para. A(1). No leaks noted. Next due at 5476 hrs + 30 mins.
2. SB 292-72-2829 Module M05. Inspection of reduction gearbox rear casing jet. N/A to currently installed M05 s/n 01106 not listed in Appendix 5 of SB.
3. SB A292-73-2823 Rev. C - Free Turbine (M04) Restricted use Limit of the FT Blades. SB is not applicable due to currently installed M04 S/N 00749
4. SB 292-73-2830 HMU. Check of the low pressure fuel pump impeller drive. Pre TU 147. N/A to currently installed HMU s/n 133B is post TU 147.

N904CF

AS350 B3 S/N: 3676

Total Time: 3881+57 Landings: 12448

The following Maintenance, Inspections, and Modifications were performed at the dates indicated below:

GENERAL MAINTENANCE/INSPECTIONS:

1. Removed Tail Rotor Gearbox P/N: 350A33-0200-06 SN: MA1376, TSN: 4251+21, TSO: 1606+9, ACTT: 3881+57. Installed Tail Rotor Gearbox PN: 350A33-0200-06 SN: MA2519, TSN: 917+46, TSO: 917+46, ACTT 3881+57, IAW AEC MM 65.20.00.401. C/W on 11/15/2009.
2. AD# 2001-26-55 Prevent failure of the T/R blade. Daily inspection required. C/W on 11/17/2009.
3. AD# 2003-22-06 Prevent separation of the outboard spherical bearing of the T/R P/C link. Daily inspection required. C/W on 11/17/2009.
4. MID# 500-100-200: Performed A41 7 day inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/17/2009.

N904CF

AS350 B3 S/N: 3676

Total Time: 3883+45 Landings: 12511

The following Maintenance, Inspections, and Modifications were performed at the dates indicated below:

GENERAL MAINTENANCE/INSPECTIONS:

1. QAN 09-09: Inspection of Spin-on Transmission oil filters on AS350 aircraft, Inspection C/W, P/N 7050A362296 oil filter C/W on: 11/18/2009.
2. MID# 500-200-10: Performed C81 12 month Avionics inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/17/2009.
3. MID# 500-200-20: Performed C82 24 month Avionics inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/17/2009.
4. Task Code: 345400: Performed 6 month VOR check in accordance with FAR 91.171 and AMC Operation Manual. C/W on 11/18/2009.
5. AD# 2001-26-55 Prevent failure of the T/R blade. Daily inspection required. C/W on 11/18/2009.
6. AD# 2003-22-06 Prevent separation of the outboard spherical bearing of the T/R P/C link. Daily inspection required. C/W on 11/18/2009.

N904CF

AS350 B3 S/N: 3676

Total Time: 3884+01 Landings: 12512

The following Maintenance, Inspections, and Modifications were performed at the dates indicated below:

GENERAL MAINTENANCE/INSPECTIONS:

AIRCRAFT LOG

AFC MODEL: _____ A/C N#: _____ A/C S/N: _____ BASE: _____ DATE: _____ PAGE: 410480

1. AD# 2001-26-55 Prevent failure of the T/R blade. Daily inspection required. C/W on 11/24/2009.
2. AD# 2003-22-06 Prevent separation of the outboard spherical bearing of the T/R P/C link. Daily inspection required. C/W on 11/24/2009.
3. MID# 500-100-200: Performed A41 7 day inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/24/2009.

N904CF

AS350 B3 S/N: 3676

Total Time: 3884+16 Landings: 12513

Engine: Turbomeca Arriel 2B S/N: 22001

ETT: 5380+22 NG Cycles: 14279.14 NP Cycles: 3792.23

The following Maintenance, Inspections, and Modifications were performed at the dates indicated below:

GENERAL MAINTENANCE/INSPECTIONS:

1. AD# 2001-26-55 Prevent failure of the T/R blade. Daily inspection required. C/W on 11/30/2009.
2. AD# 2003-22-06 Prevent separation of the outboard spherical bearing of the T/R P/C link. Daily inspection required. C/W on 11/30/2009.
3. Garmin SB 918 400W/500 Series units software upgrade to main software version 3.30. Will be accomplished as part of SB 949 Rev A.
4. Garmin SB 935 Software Version 6.11 for GTX 330/330D and GTX 33/33D. Optional, no action at this time.
5. Garmin SB 949 Re-issuance of Garmin 400W/500 Series Rotorcraft STC SR02232LA, update to SW 3.30. No action at this time, upgrade deadline July 31, 2010.
6. SB# 05.00.57 Check of the yaw load compensator accumulator charging pressure. C/W inspection per. Par 2.B., within serviceable limits. Next Due: ACTT: 3984+16 or 6/01/2010.
7. SB# 63.00.17 Check of Hyd. Pump Drive Pulley. C/W inspection per. Par 2.B.1, within serviceable limits. Next Due: ACTT: 3994+16.
8. Performed 10 hr Inspection Main Rotor Head. Performed Torque check of MRH, no movement noted and no further action required, IAW AEC MM 62.20.00.401. C/W on 11/30/2009.
9. Performed 10 hr Inspection of Tail Rotor Gearbox. Performed Torque Check of TRGB, No movement noted, drained and refilled gearbox oil, IAW AEC MM 65.20.00.602. C/W on 11/30/2009.
10. MID# 500-200-175: Performed C97 300hr/6month ICA inspection in accordance with AMC AS350 B3 AAIP. C/W on 11/30/2009.
11. MID# 500-200-130: Performed C93 30 Day Placard inspection in accordance with AMC AS350 B3 AAIP. C/W on 12/01/2009.
12. MID# 2622-100-10: Complied with 30 day Portable Fire Extinguisher Inspection IAW NFPA-10 on Amerex Model B417 Fire Extinguisher S/N: ZD-701565, bottle Mfr. Date: 2007. C/W on 12/01/2009.
13. AD# 2007-06-15 Prevent loss of hydraulic power. Belt replacement due at 500 hrs, lube due at 110 hrs or 6 months. Lubed drive shaft spline IAW AEC MM 63-29-10-401 at ACTT: 3884+16, 12/01/2009 next due at ACTT: 3994+16 or 6/01/2010.
14. MID# 500-100-200: Performed A41 7day Insp. IAW AMC AS350 B3 AAIP. C/W 12/01/09

Air Methods will perform inspections on this aircraft and its installed engines per FAR 91.409(f)(2) and the Air Methods Corporation Approved Aircraft Inspection Program (AAIP) for the Eurocopter Model AS350 B3 Series.

This aircraft was Modified and Inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of these repairs are on file at this Repair Station under Work Order No. MC544.

The aircraft identified above was Modified and Inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for RETURN TO SERVICE. Pertinent details of these repairs are on file at this Repair Station under Work Order No. MC544.

Signature: _____

Date: 12/1/09

For:

AIR METHODS CORPORATION

7301 S. Peoria St.

Englewood, Co. 80112

Certified Repair Station #QMLR253U

AIRCRAFT LOG

AFC MODEL: AS350B3 A/C N#: 904CF A/C S/N: 3676 BASE: RNONV DATE: 1-17-10 PAGE: 483569

TIME (In Tenths)	ACFT	ENGINE #1 22001		ENGINE #2 N/A		PROP #1		PROP #2	
		EngTT	S/N	STARTS / N _G	NP	EngTT	S/N	STARTS / N _G	NP
Total Fwd →	3939+23	5435+29	14384.77	3844.42					
Hrs Today →									
Total →									

Power Assurance Check	Engine	PA	O.A.T.	NP	NG	TOT/MGT	TORQUE	RESULTS	PILOT
	1								
	2								

Item	VOR	Power	AD-01-26-55A	B-61	B-62	AD-03-22-003	A-25	100hr	Aircraft Landings
	✓	✓	AD-03-22-06A			A-24			
Next Due	5/10	#1 5442+01 #2	Daily	5455+29	5458+51	3955+55	3962+45	3980+24	Total Landings Fwd → 12656 Landings Today → Landings Total →

Maintenance Record Entries (content & requirements I / A / W FARs)

① VISUALLY INSPECTED TAIL ROTOR BLADES IN ACCORDANCE WITH AD 2001-26-55 PARA (A) DATED 12-27-01 AND TAIL ROTOR P/C LINKS IN ACCORDANCE WITH AD 2003-22-06 PARA (A) DATED 12-03-03 AND DETERMINED TO BE IN AIRWORTHY CONDITION. DUE DAILY

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I.A.W. PRE / POSTLIGHT AIRWORTHINESS CHECK AS PER G.O.M. AND R.E.M. AND REVIEWED AIRCRAFT STATUS REPORT WITH NO DEFECTS OR DISCREPANCIES NOTED.

DATE 1-17-10 ACTT 3939+23
SIGN [Signature] CERT TYPE & NO. [Signature]

② A-21 - 050021 Due 50M
③ B-61 - 720061 Due 50M
④ HARD LANDING PRECEDED BY A LOUD BANG ON T/O,
[Signature]
1-17-2000 ACTT 3939+24

② I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AIR METHODS AEC AS350B3 AAMP A21 AIRWORTHINESS CHECK, REVIEWED AIRCRAFT STATUS REPORT, AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

ACTT 3939+23 ENGTT 5435+29 DATE 1-17-10
SIGN [Signature] CERT TYPE & NO. [Signature]

③ I CERTIFY THAT THIS engine s/n 22001 HAS BEEN INSPECTED IN ACCORDANCE

WITH AIR METHODS AEC AS350B3 AAMP B-61
INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

ACTT 3939+23 ENGTT 5435+29 DATE 1-17-10
SIGNATURE CERTIFICATE # & TYPE [Signature]