










ATTACHMENT 7

AIRWORTHINESS GROUP CHAIRMAN'S FACTUAL REPORT

CEN13FA192

Era Helicopters Tail Rotor Task Tracking Cards for N574EH (10 Pages)

VISIT PACKAGE #	: VP-000179-2012	MODEL #	: S76A++	REPAIR STATION #	: ERA3075A
VISIT PACKAGE TYPE #	: Unplanned	AIRCRAFT #	: N574EH	ACTUAL START DATE	: 11/27/2012
STATUS	: Closed	AIRCRAFT SERIAL #	: 760369	ACTUAL END DATE	: 03/15/2013
VISIT PACKAGE TITLE	: GULF COAST RE-CONFIGURATION				
WORKORDER #	: HWO-002413-2012	WO STATUS	: Closed	TASK STATUS	: Closed
TASK #	: 76-23-12-01			WORK CENTER #	: LCH AVIONICS
TASK DESCRIPTION	: Upgrade of Cabin Briefing system, installation of DMP-300 IAW Era Drawing 76-23-12-01.				
SUB TASK	: Upgrade of Cabin Briefing system, installation of DMP-300 IAW Era Drawing 76-23-12-01.				
TECH SIGNOFF STATUS	: Yes	TECH SIGNOFF DATE	: 02/06/2013	TECH SIGN / LICENSE #	: Goehring, Timothy L. / [REDACTED]
INSP. SIGNOFF STATUS	: Yes	INSP. SIGNOFF DATE	: 02/18/2013	INSP. SIGN / LICENSE #	: Lewis, Jacob E. / [REDACTED]
TECH REMARKS	: INSTALLED DMP-300 P/N 1000-10, S/N 5148, ASSOCIATED WIRING, AND PERFORMED SATISFACTORY OPERATIONAL TEST REF ERA DWG 76-23-12-01				
WORKORDER #	: HWO-002413-2012	WO STATUS	: Closed	TASK STATUS	: Closed
TASK #	: 76-23-12-01-NST-058830-2013			WORK CENTER #	: LCH AVIONICS
TASK DESCRIPTION	: NO SMOKING/FASTEN SEATBELTS SIGN HAS BROKEN WIRE				
SUB TASK	: NO SMOKING/FASTEN SEATBELTS SIGN HAS BROKEN WIRE				
TECH SIGNOFF STATUS	: Yes	TECH SIGNOFF DATE	: 02/27/2013	TECH SIGN / LICENSE #	: Tyree, Michael L. / [REDACTED]
INSP. SIGNOFF STATUS	: Yes	INSP. SIGNOFF DATE	: 02/28/2013	INSP. SIGN / LICENSE #	: Domingue, Kelvin. / [REDACTED]
TECH REMARKS	: Terminated new no smoking/fasten seatbelts sign IAW Sikorsky76 Maintenance Manual, SA 4047-76-2, chapter 33-20-02, page 105. Op test satisfactory IAW Sikorsky76 Maintenance Manual, SA 4047-76-2, chapter 33-20-02, page 101.				
WORKORDER #	: HWO-002413-2012	WO STATUS	: Closed	TASK STATUS	: Closed
TASK #	: 76-31-03-00			WORK CENTER #	: LCH AVIONICS
TASK DESCRIPTION	: Installation of Fairchild FA-2100 CVR				
SUB TASK	: Installation of Fairchild FA-2100 CVR				
TECH SIGNOFF STATUS	: Yes	TECH SIGNOFF DATE	: 02/13/2013	TECH SIGN / LICENSE #	: Goehring, Timothy L. / [REDACTED]
INSP. SIGNOFF STATUS	: Not Required	INSP. SIGNOFF DATE	:	INSP. SIGN / LICENSE #	: /
TECH REMARKS	: INSTALLED FAIRCHILD FA-2100 CVR SYSTEM WITH CVR P/N 2100-1020-50, S/N 000187849, UNDERWATER LOCATOR BEACON P/N DK100, S/N SC28106, EXPIRATION DATE 05/2014, AREA MIC P/N S056-0048-00, S/N 000391547, AND PERFORMED SATISFACTORY OPERATIONAL CHECKS PER ERA DWG 76-31-03-00 AND FA2100 INSTALL MANUAL 165E1848-00				

WORKORDER #	: HWO-002456-2012	WO STATUS	: Closed	TASK STATUS	: Closed
TASK #	: S76 1YR FLOAT INSP-NST-057861-2013			WORK CENTER #	: LCH HANGAR FLOOR
TASK DESCRIPTION	: R/H Main float cover damaged beyond limits. P/N 76251-01102-106				
SUB TASK	: R/H Main float cover damaged beyond limits. P/N 76251-01102-106				
TECH SIGNOFF STATUS	: Yes	TECH SIGNOFF DATE	: 02/26/2013	TECH SIGN / LICENSE #	: Smiley, Erik K. / 
INSP. SIGNOFF STATUS	: Yes	INSP. SIGNOFF DATE	: 02/28/2013	INSP. SIGN / LICENSE #	: Lewis, Jacob E. / 
TECH REMARKS	: replaced r/h main float cover p/n 76251-01102-106 IAW S76 MM 32-70-03				
WORKORDER #	: HWO-002456-2012	WO STATUS	: Closed	TASK STATUS	: Closed
TASK #	: S76 25HR INSP			WORK CENTER #	: LCH HANGAR FLOOR
TASK DESCRIPTION	: S76 Airworthiness Check				
SUB TASK	: S76 Airworthiness Check				
TECH SIGNOFF STATUS	: Yes	TECH SIGNOFF DATE	: 03/10/2013	TECH SIGN / LICENSE #	: DuBois, Michael H. / 
INSP. SIGNOFF STATUS	: Not Required	INSP. SIGNOFF DATE	:	INSP. SIGN / LICENSE #	: /
TECH REMARKS	: completed IAW Era Sikorsky S-76A/S-76C HEMS AAIP Airworthiness Check				
WORKORDER #	: HWO-002456-2012	WO STATUS	: Closed	TASK STATUS	: Closed
TASK #	: S76 25HR INSP-NST-056357-2012			WORK CENTER #	: LCH HANGAR FLOOR
TASK DESCRIPTION	: Red M/R P/C rod upper bearing has more than .015 play				
SUB TASK	: Red M/R P/C rod upper bearing has more than .015 play				
TECH SIGNOFF STATUS	: Yes	TECH SIGNOFF DATE	: 12/06/2012	TECH SIGN / LICENSE #	: DuBois, Michael H. / 
INSP. SIGNOFF STATUS	: Yes	INSP. SIGNOFF DATE	: 01/21/2013	INSP. SIGN / LICENSE #	: Lewis, Jacob E. / 
TECH REMARKS	: rplcd bearing IAW Sikorsky76 Maintenance Manual, SA4047-6-2, section 65-12-06 page 803 para. C				
WORKORDER #	: HWO-002456-2012	WO STATUS	: Closed	TASK STATUS	: Closed
TASK #	: S76 25HR INSP-NST-057067-2012			WORK CENTER #	: LCH HANGAR FLOOR
TASK DESCRIPTION	: Main Landing Gear grounding straps broken on each side.				
SUB TASK	: Main Landing Gear grounding straps broken on each side.				
TECH SIGNOFF STATUS	: Yes	TECH SIGNOFF DATE	: 12/19/2012	TECH SIGN / LICENSE #	: Smiley, Erik K. / 
INSP. SIGNOFF STATUS	: Yes	INSP. SIGNOFF DATE	: 01/21/2013	INSP. SIGN / LICENSE #	: Lewis, Jacob E. / 
TECH REMARKS	: replaced grounding straps P/N 1945B64B IAW Goodrich Landing gear component MM 32-10-01				

COMPLETE THIS SECTION AT END OF INSPECTION

A/C REG: N574EH

A/C TOTAL TIME: 6759.8

LOG PAGE: VP-000179-2012

RELEASE DATE: _____

All Technicians who initial items on this form are required to legibly enter their Signature and License Number below:

Printed Name	Signature	Initials	License No.
Jacob E Lewis	[Redacted]	[Redacted]	[Redacted]
Erik Smiley	[Redacted]	[Redacted]	[Redacted]
Patrick Wiltz	[Redacted]	[Redacted]	[Redacted]
James K. Trahan	[Redacted]	[Redacted]	[Redacted]
Michael DuBois	[Redacted]	[Redacted]	[Redacted]
TIM GOEHRIAC	[Redacted]	[Redacted]	[Redacted]

- This inspection contains criteria for both the S76A Model and the S76C Model airframes. If a **"*NOT REQUIRED"** note is not in the inspection item block, the item is **required for both models**.
- This form is to be used in conjunction with the Airframe and/or Engine manufacturers' manuals. Unless otherwise noted, all references contained in this form refer to the applicable S-76 Maintenance Manual. The references for the S-76A Model and the S-76C Model are the same in each model's manual.



**Sikorsky S-76 A/S-76 C
HEMS AAIP
Airworthiness Check**

Revision: Original
Date: 03/01/10
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Pre-Inspection	Initials
01. Ensure all times, cycles, etc. on the Aircraft Maintenance Log are consistent with RAMCO.	
02. Check Aircraft Maintenance Log for discrepancies and/or deferred items.	
03. Check the aircraft computer run and the After Installation Sheet for items that are due.	

Aircraft Interior	Initials
01. Check the Airworthiness Certificate and Registration for validity and damage.	
02. Check cockpit installed radios and instruments for condition and security.	
03. Check the instrument, cockpit, and cabin lighting for condition and operation.	
04. Inspect seats for condition and security.	
05. Inspect litter, litter latches and safety restraints for condition and security of mounting (If installed).	
06. Inspect Cabin EMS equipment, medical cabinets for condition, freedom of operation and security of attachment (If installed).	
07. Check for proper function and security of the LOX system. Check that the quantity system indicates properly.	
08. Inspect seat belts for proper operation, condition and security.	
09. Inspect cabin life raft(s) for condition and that lanyard is secured to aircraft (if installed).	
10. Check fire extinguishers for security and proper charge.	
11. Check the first aid kit and signal kit for security and condition.	
12. Inspect each nose landing gear float bottles for a proper pressure charge.	
13. Inspect cabin interior for condition and cleanliness.	



**Sikorsky S-76 A/S-76 C
HEMS AAIP
Airworthiness Check**

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Airframe	Initials
01. Visually check nose landing gear tire for inflation and condition.	
02. Inspect the nose landing gear door and gear actuator rods for proper attachment and condition. Check the door vents for obstructions (if installed).	
03. Inspect nose gear shock strut for leaks, proper extension and general condition. Check the shimmy damper and actuator for leaks.	
04. Inspect the nose landing gear assembly and hydraulic lines for leaks and general condition. Check the electrical harness for condition and security.	
05. Inspect the nose landing gear to airframe attachment area for damage and security.	
06. Inspect the nose landing gear float covers for general condition and security.	
07. Check search light for condition and proper stowage. If grease fitting is installed grease light.	
08. Inspect all loading lights for operation, condition and security of mounting (if installed).	
09. Inspect antennas for condition and security.	
10. Inspect the landing gear emergency blow down bottle for the proper pressure.	
11. Inspect the nose avionics compartment panels for security.	
12. Check the pitot tubes for damage and security.	
13. Inspect the N1 Tachometer OAT Source (S76 A++) or TO Sensor (S76 C++) for security and is free of obstructions.	
14. Inspect the windshield for condition and cleanliness.	
15. Check the windshield wiper blades, drive arms and guide arms for condition and security.	
16. Check the OAT gage for security and the external portion is free of obstructions.	
17. Inspect all doors for proper fit, attachment and operation. Ensure that all jettison levers are properly safetied.	
18. Check the emergency exit window on the passenger doors for condition and security.	
19. Ensure both fuel caps are secured.	

Airframe	Initials
20. Inspect the baggage compartment and installed equipment for condition. Check for fuel leaks. Inspect baggage compartment doors for condition and security.	
21. Visually check main landing gear tires for inflation and condition.	
22. Inspect the main landing gear door and gear actuator rods for proper attachment and condition. Ensure the lock pins are installed.	
23. Inspect main landing gear electrical harness, drag brace, and associated linkage for condition and security.	
24. Clean and inspect main landing gear elastomeric damper for any deterioration, bond separations, elastomer extrusion, and eraser-type wear. Ref. 32-10-05, Inspection/Check, Main Landing Gear Damper	
25. Check the main landing gear tie down ring and stowage mechanism for freedom of travel. Ensure the ring returns to its properly stowed position.	
26. Inspect the main landing gear brake housings for leaks and security.	
27. Inspect main gear shock struts for leaks, proper extension and general condition.	
28. Inspect the main landing gear assemblies and hydraulic lines for leaks and general condition.	
29. Inspect the main landing gear float bags for proper stowage and the surrounding areas for general condition and any sharp edges that may contact the floats during deployment.	
30. Inspect each main landing gear float bottle for a proper pressure charge and security.	

Tailboom	Initials
01. Check that the fire extinguishing thermal discharge indicators are in place and the bottles for proper charge.	
02. Inspect all fairings and panels and heat shields (if installed) on the tailboom for missing fasteners, condition, and security.	
03. Inspect the tail cone static ports are clear of soot and obstructions.	
04. Inspect horizontal stabilizer for security and general condition.	
05. Inspect the intermediate gearbox for the proper oil level.	
06. Check the position and anti-collision lights for security and general condition.	
07. Inspect tail rotor gearbox for the proper oil level.	
08. Inspect the tail rotor assembly for general condition, and security.	
09. Inspect the tail rotor blades for cracks, security, and condition.	
10. Comply with tail rotor blade spar inspection. Ref. Table 2-2, steps a1 thru a4, Composite Materials Manual SA4047-76-5	
#1 Engine	
01. Inspect engine air inlet area for foreign material and damage.	
02. Inspect engine air inlet cowl and screen for condition and security. Check condition and integrity of T1 Sensor (if installed).	
03. Inspect the compressor inlet guild vanes for F.O.D. and cleanness. Check the compressor blades for rotation and no rubbing.	
04. Inspect barrier filters for large obstructions and security. Check pressure transducer electrical connector for security and ensure the pressure port is free of obstructions . (if installed)	
05. Inspect the blower ducts for obstructions.	
06. Inspect the engine assembly for fuel and oil leaks.	
07. Inspect engine accessories for broken or missing safeties and general condition.	

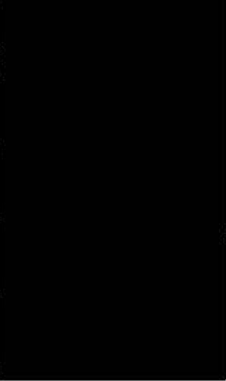
#1 Engine	Initials
08. Inspect the oil filter housing for a popped impending bypass button.	
09. Inspect the fuel filter housing for a popped impending bypass button.	
10. Inspect gas generator turbine casing, exhaust adapters and ejectors for cracks and damage.	
11. Inspect the engine in all accessible areas for obvious loose bolts and loose connections.	
12. Inspect fire protection sensors and fittings for security, damage, and general condition.	
13. Remove, inspect, clean, test and reinstall all engine magnetic chip plugs. (Electrical and Non-Electrical)	
14. Inspect the engine cowling for general condition and security.	
15. Check engine oil level.	
#2 Engine	
01. Inspect engine air inlet area for foreign material and damage.	
02. Inspect engine air inlet cowl and screen for condition and security. Check condition and integrity of T1 Sensor (if installed).	
03. Inspect the compressor inlet guild vanes for F.O.D. and cleanness. Check the compressor blades for rotation and no rubbing.	
04. Inspect barrier filters for large obstructions and security. Check pressure transducer electrical connector for security and ensure the pressure port is free of obstructions . (if installed).	
05. Inspect the blower ducts for obstructions.	
06. Inspect the engine assembly for fuel and oil leaks.	
07. Inspect engine accessories for broken or missing safeties and general condition.	
08. Inspect the oil filter housing for a popped impending bypass button.	
09. Inspect the fuel filter housing for a popped impending bypass button.	
10. Inspect gas generator turbine casing, exhaust adapters and ejectors for cracks and damage.	

#2 Engine	Initials
11. Inspect the engine in all accessible areas for obvious loose bolts and loose connections.	
12. Inspect fire protection sensors and fittings for security, damage, and general condition.	
13. Remove, inspect, clean, test and reinstall all engine magnetic chip plugs. (Electrical and Non-Electrical)	
14. Inspect the engine cowling for general condition and security.	
15. Check engine oil level.	
Main Gearbox	
01. Inspect the main gearbox for the proper oil level and general condition.	
02. Inspect the main transmission oil filter for a popped impending bypass button.	
03. Inspect lines and fittings and accessories for leaks and security. Check wire harnesses for condition and security.	
04. Inspect the electric rotor brake module for the proper fluid level and leakage (if installed).	
05. Inspect the first and second stage hydraulic module fluid level and leakage.	
06. Inspect the hydraulic filter for a popped impending bypass button and for leakage.	
Main Rotor	
01. Inspect the main rotor damper reservoir for the proper fluid level.	
02. Inspect the main rotor blades for general condition.	
03. With the main rotor blades installed inspect exposed main rotor spindle cuff surfaces next to the cuff/blade attachment bolts for nicks, gouges, cracks and foreign object damage.	
04. Inspect the main rotor head for general condition.	



**Sikorsky S-76 A/S-76 C
HEMS AAIP
Airworthiness Check**

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Completion	Initials
01. Check all work areas for rags, tools and miscellaneous hardware.	
02. Comply with leak check of the engine chip plugs.	
03. Check all fluid levels.	
04. Check all doors, cowlings and fairings are closed and secured.	
05. Secure helicopter, complete logbook and RAMCO entries for inspection compliance.	

END OF INSPECTION