### Enstrom Helicopter Log

Owner Bill Faulkner			
Registration Number N	19568	ACTOR DE L'ANDRE SERVICE DE L'AN	
Model Number F28A	Serial Number 091		
Annual Due May 2017			
50hr Due 2666.1	100hr Due 2716.1		
Date 5/12/16	A/F Time 2616.1	Hobbs Time 1470.9	

Performed ANNUAL INSPECTION in accordance with the Enstrom Inspection Guide. Installed new Lamiflex pn 28-14320-15 SN 9910,9911,9912. Installed new Tach O-rings PN NAS1611-333. Main rotor blade SN 2611 repaired by HeliBlade. Performed Ads 82-16-09 grips, 82-24-01 clutch, 88-11-06 stab, 90-01-06 gearbox, 90-17-02 flex plates, 94-17-15 Lamiflex, all due in 100 hrs. AD 2015-08-51 performed on spindles pn 28-14282-11 sn 015611-01, PN 28-14282-13 SN 42-026-77A and 65-031-79A. Next inspection due in 300 hrs. Tracked main rotor. I certify that this aircraft has been inspected in accordance with the ANNUAL INSPECTION and was found to be airworthy.

Registration			Model Number	
Date   Nat	ght Hn	Andreas Commission of Contract	Inspection and maintenance remarks	Signature and license number
10/14/16			Justall DNEW EC0092-3 F/	100 Him
1	-	1	Sens fracted blace dope	Enster
	1	1	The state of the s	
		1	6600	7794302
		1		
E.		The state of		1
			THE RESIDENCE OF SHARE OF SHARE SHARE	

# Enstrom Helicopter Log

Owner Bill Faulkner				
Registration Number No	9568			
Model Number F28A		Serial Number 091		
Annual Due May 2017				
50hr Due 2666.1	100hr Due 2716.1			
Date 5/12/16	A/F Time 2616.1	Hobbs Time 1470.9		

Performed ANNUAL INSPECTION in accordance with the Enstrom Inspection Guide. Installed new Lamiflex pn 28-14320-15 SN 9910,9911,9912. Installed new Tach O-rings PN NAS1611-333. Main rotor blade SN 2611 repaired by HeliBlade. Performed Ads 82-16-09 grips, 82-24-01 clutch, 88-11-06 stab, 90-01-06 gearbox, 90-17-02 flex plates, 94-17-15 Lamiflex, all due in 100 hrs. AD 2015-08-51 performed on spindles pn 28-14282-11 sn 015611-01, PN 28-14282-13 SN 42-026-77A and 65-031-79A. Next inspection due in 300 hrs. Tracked main rotor. I certify that this aircraft has been inspected in accordance with the ANNUAL INSPECTION and was found to be airworthy.

We reviewed Enstrom Service Directive Bulletin No. 0119, Revision 3, dated June 24, 2016, for Model F-28A, F-28C, F-28F, 280, 280C, 280F, and 280FX helicopters with a spindle P/N 28-14282-11 or 28-14282-13. We also reviewed Enstrom Service Directive Bulletin No. T-050, Revision 3, dated June 24, 2016, for Model 480 helicopters, serial numbers 5001 through 5004 and 5006, and with a spindle P/N 28-14282-13, except those aircraft modified with tensiontorsion straps. Both service directive bulletins specify sending the spindle to Enstrom for an MPI before the spindle reaches 1,500 hours time-in-service (TIS), or within 5 hours TIS for those spindles with 1,500 or more hours TIS. Thereafter, the service directive bulletins specify returning the spindle to Enstrom for an MPI every 500 hours.

## **Proposed AD Requirements**

This proposed AD would require establishing a life limit of 1,500 hours TIS for spindle P/Ns 28-14282-11 and 28-14282-13. This proposed AD would also require an initial and recurring MPI of the spindles.

# Differences Between This Proposed AD and the Service Information

This proposed AD would require establishing a spindle life limit of 1,500 hours TIS. The service information does not specify a life limit.

#### AIRCRAFT MAINTENANCE STATUS

ROTORCRAFT **ENSTROM F28A** N9568 Serial No: 091

Manufacture Date: 1972

WEIGHT AND E	BALANCE DATA
DATE	
Empty Wht	
E.W.C.G.	
Moment	
SEFUL LOAD	
MAX GROSS	

DATE: 10/31/2011

TTAF:

2,547.1

TACH

1,401.9

#### **ENGINE**

LYCOMING HIO360 C1A Serial No: L-10478-51A

Engine Total Time:

729.6

Engine SMOH: Hours Till Overhaul: 729.6

770.4

Overhaul Due (TTAF): 3,317.5

INSPECTION	COMPLIED WITH		INTERVAL		DUE AGAIN		TIME REMAINING	
	DATE	HOURS	TIME	HOURS	DATE	HOURS	DAYS	HOURS
Annual Inspection	11/1/2011	1	395		11/30/2012		395	
50 Hour Inspection		2,547.1		50.0		2,597.1		50.0
100 Hour Inspection	Ter. 161011/1641704/191011	2,547.1		100.0		2,647.1		100.0
				2-200				
Main Rotor Gearbox Overhaul		2,125.4		1,200.0		3,325.4		778.3
Tail Rotor Gearbox Overhaul		2,476.0		1,200.0		3,676.0		1,128.9
Mn Rtr Blade SN 0209 T.I.S.		2,477.0		3,214.1				
Mn Rtr Blade SN 2611 T.I.S.		1,249.3		2,658.1				
Mn Rtr Blade SN 1268 T.I.S.		0.0	2.2	2,547.1				
Exhaust System T.S. OVHC		1,180.4		1,366.7				
Tail Rotor Blades Replacement		2,476.0		4,500.0		6,976.0		4,428.9
Tail Rotor Gear Set T.I. Service		2,476.0	.,	1,200.0		3,676.0		1,128.9
T.R. Sprindle SN 14-003-07T		2,476.0		7,500.0		9,976.0		7,428.9
T.R. Spindle SN 01-012-76ST		2,378.3		7,500.0		9,181.0		6,633.9
Clutch/Overrunning		2,408.4		2,400.0		4,808.4		2,261.3
Upper Jack Strut T.I. Service		1,007.0		1,540.1				
Lamiflex Bid #1 Replacement	12/10/2007		1,826		12/9/2012		404	4 4. 1
Lamiflex Bld #2 Replacement	12/10/2007	34 77 3	1,826	-	12/9/2012		404	
Lamiflex Bld #3 Replacement	12/10/2007		1826		12/9/2012	W. H	404	
Hydraulic Dampers T.I.S.	2	2,477.0		70.1				
Flex Plates		2,476.0	A SHOP	1,200.0	i i	3,676.0		1,128.9
Collective Bearing Insp	3.	2,405.5	18 T	1,200.0		3,605.5		1,058.4
Cyclic Bearing Insp		2,405.5		1,200.0		3,605.5		1,058.4
Idler Belt Bearing	:	2,405.5	-	600.0		3,005.5		458.4
Main Drive Belt Replacement		2,396.4		1,200.0		3,596.4		1,049.3

#### **ENSTROM F28A** N9568

#### ENGINE INSPECTION AND OVERHAUL SCHEDULE

ENGINE

LYCOMING HIO360 C1A Serial No: L-10478-51A

Engine Total Time: Engine STOH:

729.6 41,252.0

INSPECTION	COMPLIED WITH		INTERVAL		DUE AGAIN		TIME REMAINING	
	DATE	HOURS	TIME	HOURS	DATE	HOURS	DAYS	HOURS
Annual Inspection	11/1/2011		395		11/30/2012		395	
100-Hour Inspection		2,547.1		100.0		2,647.1		100.0
50 Hour Inspection		2,547.1		50.0		2,597.1		50.0
OVERHAUL	į.							
Engine		1,817.5		1,500.0		3,317.5		770.4
Fuel Injector System Overhaul		1,817.5		1,500.0		3,317.5		770.4
Starter Overhaul		1,817.5		1,500.0		3,317.5		770.4
Alternator Overhaul		1,817.5		1,500.0		3,317.5		770.4
eft Magneto		2,547.0		1,500.0		4,047.0		1,499.9
N/SNS4LN200 8239044				1,000.0	and i	4,047.0		1,433.3
Right Magneto	1.1	2,476.0	· '.	1,500.0		3,976.0		1,428.9
PN/SNS4LN204 603020	N. D. Control	0 2	: :					1