

N 528HA S/N 5028

Date: 02/23/21

A/C hour meter: 362.3

ACTT: 2817.2

100 hour/ annual inspection C/W using Hiller Aircraft Corp. I.C.A's, also Hiller maintenance manuals as reference guides. . Reinstalled main rotor blades S/ N's 6102 TT 3638.0/ 3448M TT. 3638.0 On main rotor Hub Assy. S/N 10360. Checked alignment and balance found satisfactory. Reinstalled and checked static balance of tail rotor system found satisfactory. C/W following AD's: 73-20-03 Dye-pent. Inspection of main rotor hub. No cracks noted. Due at 50 hours next due ACTT. 2867.2. 81-17-03 check transmission filter for metal due every 100 hours see SB# UH12-23-3 for time extension. Next due ACTT. 2917.2. 81-18-02. 1) Visual, no cracks or loose rivets found. 2) C/W part 2 SB# UH12-55-1. (b)Daily, visually check vent holes for obstructions. No obstructions found. Next due at pre-flight may be pre-formed by pilot. 86-17-02 (a) C/W by visual inspection, (b) daily visual at T.T pin hole for any suspect damage (may be performed by pilot),(e) Dye-pent. At T.T. pin holes due every 100 hours next due at ACTT. 2917.2. 86-22-04 (a) pre-flight (SB#UH-12-6 dated 12/19/85), (c) 100 hr. compliance as follows visual and coin tap test reference. Para. II(c) SB# UH12-51-6 Next due ACTT: 2917.2 (d), 1000 hr. inspection see overhaul schedule in record cards. 97-10-16 (a) dye-check blade spar tube and cuff, bolt hole elongation, or corrosion. Found satisfactory. Next due ACTT: 2917.2. 97-20-15 (a) 100 hour inspection. Checked alignment and adjusted IAW SL 51-2 dated March 31, 1978 Next due ACTT. 2917.2, (b) Dye-check head OB TT pin (d) shims installed as per SB # 51-9. Next due @ ACTT: 2917.2. Ground run aircraft all Temps and pressures found satisfactory. I certify this aircraft to be in an airworthy condition and is approved for return to service. Test flight required.

.....END.....

Kenneth Bartholomew A&P 3619894 IA.....

Kenneth Bartholomew

2/23/21 N528HA SN: 5028 A/C hour meter: 362.3 ACTT: 2817.2

Flight Test completed and approved for return to service

Michael Tragarz, 142469570 ATP/CFI

END

Michael Tragarz

Date Last Saved:	
Date:	7/25/2022
Aircraft Model:	UH-12E
Year of MFG:	1978
Serial Number:	5028
N-Number:	N528HA
Total Time A/C:	2817.10
Current Hobbs Time	362.3
Last Annual:	12/11/2021
Total Tach Time:	N/A
Total Hobbs/Airframe Check:	2817.20

KEY: Bold Italic 0.00 = N/A

Aircraft time at start:	2817.1	Old Hobbs
Engine time at start (new):	0	New Hobbs
Engine time at start (O/H):	0	

Previous Time	Adjust to Meter	Actual Meter
Meter1 2817.20	0	0
Meter2 0.00	0	0
Meter3 0.00	0	0

Nomenclature	Part #	Serial #	Component MX Time		Component Time				Time Remaining		A/C Time at Service	
			Overhaul	Retire	Since New		Since Overhaul		Overhaul	Retire	OH	Retire
					Start	Current	Start	Current				
UH12E and UH12T												
	53200-03											
	53200-03											
M/R Blade	2253-1101-04	3448M	1000	6670	3637.90	3637.90	874.10	874.10	125.90	3032.10	2943.00	5849.20
M/R Blade	2253-1101-04	6102	1000	6670	3637.90	3637.90	874.10	874.10	125.90	3032.10	2943.00	5849.20
M/R Hub Assy	51437-11	10360	1200	2500	2323.80	2323.80	978.70	978.70	221.30	176.20	3038.40	2993.30
M/R Head Assy	51439-19	10360	1200			0.00	978.70	978.70	221.30		3038.40	
M/R Fork	52110-3	11153P	1200	2500	1791.90	1791.90	659.10	659.10	540.90	708.10	3358.00	3525.20
M/R Fork	52110-3	11166P	1200	2500	1791.90	1791.90	659.10	659.10	540.90	708.10	3358.00	3525.20
M/R TT Pin	51452	26722		643	525.10	525.10				117.90		2935.00
M/R TT Pin	51452	26746		643	525.10	525.10				117.90		2935.00
M/R TT Bar	51430-1	AS1007		3350	1791.90	1791.90				1558.10		4375.20
M/R TT Bar	51430-1	AS1026		3350	1791.90	1791.90				1558.10		4375.20
M/R Drag Strut	52120-5	1487		2500	874.10	874.10				1625.90		4443.00
M/R Drag Strut	52120-5	1693		2500	874.10	874.10				1625.90		4443.00
Trunnion Assembly	36123-19	5244NA	1200	5150	2817.10	2817.10	0.00	0.00	1200.00	2332.90	4017.10	5150.00
Trunnion Assembly	36123-19	5479NA	1200	5150	2817.10	2817.10	0.00	0.00	1200.00	2332.90	4017.10	5150.00
Cuff	36124	10946	1200	6860	2817.10	2817.10	0.00	0.00	1200.00	4042.90	4017.10	6860.00
Cuff	36124	10979	1200	6860	2817.10	2817.10	0.00	0.00	1200.00	4042.90	4017.10	6860.00
Ballast Assembly	30026-3		1200				0.00	0.00	1200.00		4017.10	
Main Transmission After Change remains PN: 23700-23	23700-23 chg to 23500-9 MOD (See SR)	Original 187 chg to 721	1200				410.00	410.00	790.00		3607.10	
Gimbal Engine Outer	63309	10140	1200	6300	3482.90	3482.90	404.30	404.30	795.70	2817.10	3612.80	5634.20
T/R Blade	55073	13316		5400	3439.90	3439.90	410.00	410.00		1960.10		4777.20
T/R Blade	55073	13824		5400	3335.60	3335.60	410.00	410.00		2064.40		4881.50
T/R Assembly	55044-9	10036	1200				0.00	0.00	1200.00		4017.10	
T/R TT Bar	55054	10330		12500	404.30	404.30				12095.70		14912.80
T/R TT Bar	55054	10323		12500	404.30	404.30				12095.70		14912.80
T/R Gear Box	25200-3	10154	1200				1057.60	1,057.60	142.40		2959.50	
T/R Gear Box Output Shaft	25202-5	10125		5790	1057.60	1057.60				4732.40		7549.50
Arm Collective Pitch Incidence	31389	11765		14500	525.10	525.10				13974.90		16792.00
Arm Collective Pitch Incidence	31389	11768		14500	525.10	525.10				13974.90		16792.00
Engine	V0540-C2a	L2399-43	1200				1010.50	1010.50	189.50		3006.60	
Collective Pitch Incident Rod	120-3101	SAS0165		14500	342.10	342.10				14157.90		16975.00
Collective Pitch Incident Rod	120-3101	SAS0175		14500	342.10	342.10				14157.90		16975.00
Collective Pitch Rod - 04	31365	10242		8150	680.50	680.50				7469.50		10286.60
Wobble Plate Assembly	33026-3		1200				0.00	0.00	1200.00		4017.10	
Cardan Assembly	24588		1200				0.00	0.00	1200.00		4017.10	
Slip Joint - FWD	24610		1200				0.00	0.00	1200.00		4017.10	
Slip Joint - AFT	24610		1200				0.00	0.00	1200.00		4017.10	
Snubber (LAT)	63192-9	528A		4650	3969.30	3969.30				680.70		3497.80
Snubber (Long)	63192-11	528B		4650	3969.30	3969.30				680.70		3497.80
Bracket Snubber (LAT)	63197-5	528C		9850	6762.20	6762.20				3087.80		5904.90
Bracket Snubber (Long)	63197-5	528D		9850	6762.20	6762.20				3087.80		5904.90
Bellcrank Collective	31318	528E		15000	2817.10	2817.10				12182.90		15000.00
Tube Collective Inboard	31319	528F		23500	2817.10	2817.10				20682.90		23500.00
Shaft Dual Collective	31321	528G		10400	2817.10	2817.10	0.00	0.00	0.00	7582.90		10400.00
Block Assembly - 3	31344	528H		6400	2817.10	2817.10				3582.90		6400.00
Block Assembly - 5	31344	528H		6400	2817.10	2817.10				3582.90		6400.00
Fan Gearbox	74180		1200				0.00	0.00	1200.00		4017.10	
magneto	10-163050-1	8202079	1200				910.00	910.00	290.00		3107.10	
magneto	10-163010-15	8211150	1200				910.00	910.00	290.00	0.00	3107.10	0.00
carb	MA 6AA	AC-35-2839	1200				680.50	680.50	519.50	0.00	3336.60	0.00
carb	MA 6AA	AC-35-2893	1200				680.50	680.50	519.50	0.00	3336.60	0.00

Flight Status Checks

Today: 3/4/2021

Inspection	Current Check - HBS	Check Due - HBS	Current Check A/C Time	Check Due - AC	Current Check - Date	Check Due - Date
		Auto		Auto		Auto
50 Hour	362.2	412.2	2817.1	2867.1		
100 Hour	362.2	462.2	2817.1	2917.1		
300 Hour	362.2	662.2	2817.1	3117.1		
Annual					2/23/2021	2/23/2022
Oil Change (25)						
Oil and Filters Change (50)	362.2	387.2	2817.1	2842.1		
	362.2	412.2	2817.1	2867.1		
250 Hr Alternator Inspect	362.2	612.2	2817.1	3067.1		
Transponder 91.413					9/15/2015	9/15/2017
ELT Battery					N/A	N/A
Fire Extinguisher (Part 135 only) ADSB Installed	12 Months				N/A	N/A

Auto	Auto
Current HBS Time	Current A/C Time
362.3	2817.20

Last Grease 1030.0

50/100 hour and Oil Changes go red within 5 hours of inspection time 300 hour and Alternator go red within 10 hours of inspection time Annual goes red 60 days early Transponder and static cks go red within 30 days of inspection

Currently Completed Maint Checks	Date	Hobbs	Total Aircraft Time
50 Hour Check	2/23/2021	362.2	2817.1
Last Oil Change (25)	2/23/2021	362.2	2817.1
100 Hour Check	2/23/2021	362.2	2817.1
300 Hour Check	4/25/202	362.2	2817.1
Last Oil & Filters Change (50)	2/23/2021	362.2	2817.1
Alternator 250hr inspection Grease Schedule	4/25/2020	362.2	2817.1
	2/23/2021	362.2	2817.1

Time Since Last Inspection	
50 Hour	0.1
100 Hour	0.1
300 Hour (mercury Clutch)	0.1
Oil Change (25)	0.1
Oil and Filters Change (50)	0.1
Alternator Inspect (250)	0.1
Grease (25)	0.1