

Date	Aircraft	Route	Total Time	TYPE OF PILOTING TIME							CATEGORY / CLASS				LANDINGS		
				PIC	SIC	Solo	Night	NVG	NVG Ops	XC	RH				Full Stop D	Full Stop N	All
04/14/21	N602RA (H500)	PFCR - SRV - PFCR	1.6	1.6	0.0	0.0	0.0	0.0	0	1.0	1.6				10	0	10
04/15/21	N602RA (H500)	PFCR - PFCR	1.2	1.2	0.0	0.0	0.0	0.0	0	0.0	1.2				20	0	20
04/16/21	N602RA (H500)	PFCR - PAMC - PANC	2.5	2.5	0.0	0.0	0.0	0.0	0	2.5	2.5				2	0	2
05/06/21	N602RA (H500)	PANC - PANC	1.0	1.0	0.0	0.0	0.0	0.0	0	1.0	1.0				4	0	4
05/07/21	N602RA (H500)	PANC - PAAQ	0.4	0.4	0.0	0.0	0.0	0.0	0	0.4	0.4				1	0	1
05/09/21	N602RA (H500)	PAAQ - PANC	0.4	0.4	0.0	0.0	0.0	0.0	0	0.4	0.4				1	0	1
05/27/21	N602RA (H500)	PANC - NIKOLAI - CREEK - TRADING - BAY - DRIFT - RIVER - NIKOLAI - CREEK - PANC	2.6	2.6	0.0	0.0	0.0	0.0	0	2.6	2.6				9	0	0
05/29/21	N602RA (H500)	PANC - PANC	2.8	2.8	0.0	0.0	0.0	0.0	0	2.8	2.8				8	0	8
05/31/21	N602RA (H500)	PANC - PANC	1.1	1.1	0.0	0.0	0.0	0.0	0	1.1	1.1				2	0	2
06/02/21	N602RA (H500)	PANC - SILVERTIP - DOT - STATION - AND - REPEATER - SITE - PANC	2.0	2.0	0.0	0.0	0.0	0.0	0	2.0	2.0				15	0	0
06/20/21	N602RA (H500)	PAOM - PAOM	0.7	0.7	0.0	0.0	0.0	0.0	0	0.7	0.7				0	0	2
06/21/21	N602RA (H500)	PAOM - PAOM	2.3	2.3	0.0	0.0	0.0	0.0	0	2.3	2.3				0	0	7
06/22/21	N602RA (H500)	PAOM - PAOM	3.8	3.8	0.0	0.0	0.0	0.0	0	3.8	3.8				0	0	7
06/23/21	N602RA (H500)	PAOM - PAOM	3.5	3.5	0.0	0.0	0.0	0.0	0	3.5	3.5				0	0	8
06/24/21	N602RA (H500)	PAOM - PAOM	3.9	3.9	0.0	0.0	0.0	0.0	0	3.9	3.9				0	0	0
06/25/21	N602RA (H500)	PAOM - PAOM	0.8	0.8	0.0	0.0	0.0	0.0	0	0.8	0.8				2	0	2
06/26/21	N602RA (H500)	PAOM - PAOM	3.4	3.4	0.0	0.0	0.0	0.0	0	3.4	3.4				13	0	13
06/27/21	N602RA (H500)	PAOM - PAOM	2.3	2.3	0.0	0.0	0.0	0.0	0	2.3	2.3				4	0	4
06/28/21	N602RA (H500)	PAOM - PAOM	1.6	1.6	0.0	0.0	0.0	0.0	0	1.6	1.6				4	0	4
06/30/21	N602RA (H500)	PAOM - PAOM	1.4	1.4	0.0	0.0	0.0	0.0	0	1.4	1.4				9	0	9
07/01/21	N602RA (H500)	PAOM - PAOM	2.7	2.7	0.0	0.0	0.0	0.0	0	2.7	2.7				10	0	10
07/02/21	N602RA (H500)	PAOM - PAOM	1.0	1.0	0.0	0.0	0.0	0.0	0	1.0	1.0				6	0	6
07/03/21	N602RA (H500)	PAOM - PAOM	1.5	1.5	0.0	0.0	0.0	0.0	0	1.5	1.5				6	0	6
07/05/21	N55UP (B06)	KRBD - KRBD	1.5	1.5	0.0	0.0	0.0	0.0	0	0.0	1.5				15	0	15
07/06/21	N55UP (B06)	KRBD - KRBD	1.4	1.4	0.0	0.0	0.0	0.0	0	0.0	1.4				15	0	15
07/07/21	N55UP (B06)	KBRD - KBRD	1.0	1.0	0.0	0.0	0.0	0.0	0	0.0	1.0				10	0	10
07/08/21	N55UP (B06)	KBRD - KBRD	0.8	0.8	0.0	0.0	0.0	0.0	0	0.0	0.8				10	0	10
07/22/21	N602RA (H500)	PAOM - PAOM	3.2	3.2	0.0	0.0	0.0	0.0	0	3.2	3.2				15	0	15
TOTALS THIS PAGE			52.4	52.4	0.0	0.0	0.0	0.0	0	45.9	52.4				191	0	191
TOTALS TO DATE			1,546.7	1,452.7	0.0	36.4	41.2	0.0	0	793.6	1,546.7				3320	80	3409

INSTRUMENT				TRAINING			Additional Comments and Remarks
Actual	Sim	Holds	Aprch	Dual Gvn	Dual Rcvd	Sim Flight	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Ferry home
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 4 loads heaviest was 1200
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Multiple off field landings for Harvest/Hillcorp
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 14 loads
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Confined area cabin pickup
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 18 external loads delivered to base of tower and into pickup truck beds
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Nome orientation
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 8 external loads
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 4x external load trips and a handful of passenger trips
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 6 loads, 4 to camp, 2 loads out. Flew AKMIN crew out
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Brian out, Mike D in
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 8 slings 6 to camp and back two in the parking lot that involved circuits
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 3 External loads
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: two trips to camp, dropped off kevin picked up cat and return
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Camp runs and pad scouting.
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Camp runs, external through the mountains. 20KTS of wind and turbulence
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Blake out to Graphite site and survey of area with him
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 2 Starts, 6 Landings
0.0	0.0	0	0	0.0	1.5	0.0	Pilot: Bell Factory Course, 1.5 hours of dual instruction recieved, Full Down Autorotations, Enhanced Autorotations, Normal Procedures, Patterns. Doug
0.0	0.0	0	0	0.0	1.4	0.0	Pilot: Bell Factory Course Day 2, Enhanced Autorotations, Hover Autorotations, Stuck tail rotor pedal drills (left and right, Hover and forward flight), Confined area landings, Max performance takeoff, Engine failure on takeoff, Hurdraulics off in a hover and forward flight.
0.0	0.0	0	0	0.0	1.0	0.0	Pilot: Day 3, All the Autorotations.
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Last Day (4) more autos.
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: First day back in nome, 8 External loads
0.0	0.0	0	0	0.0	3.9	0.0	
0.0	55.5	3	45	470.9	232.2	21.8	I certify that the entries in this log are correct.

Date	Aircraft	Route	Total Time	TYPE OF PILOTING TIME							CATEGORY / CLASS				LANDINGS		
				PIC	SIC	Solo	Night	NVG	NVG Ops	XC	RH				Full Stop D	Full Stop N	All
07/23/21	N602RA (H500)	PAOM - NOME-28-CAMP - REPEATED - 13X - BACK - TO -	4.2	4.2	0.0	0.0	0.0	0.0	0	4.2	4.2				19	0	19
07/24/21	N602RA (H500)	NOME - PAOM PAOM - PAOM	1.6	1.6	0.0	0.0	0.0	0.0	0	1.6	1.6				5	0	5
07/25/21	N602RA (H500)	PAOM - PAOM	0.9	0.9	0.0	0.0	0.0	0.0	0	0.9	0.9				3	0	3
07/26/21	N602RA (H500)	PAOM - PAOM	1.2	1.2	0.0	0.0	0.0	0.0	0	1.2	1.2				2	0	2
07/30/21	N602RA (H500)	PAOM - PAOM	3.2	3.2	0.0	0.0	0.0	0.0	0	3.2	3.2				46	0	46
08/01/21	N602RA (H500)	PAOM - PAOM	7.2	7.2	0.0	0.0	0.0	0.0	0	7.2	7.2				59	0	59
08/02/21	N602RA (H500)	PAOM - PAOM	1.5	1.5	0.0	0.0	0.0	0.0	0	1.5	1.5				3	0	3
08/03/21	N602RA (H500)	PAOM - PAOM	4.5	4.5	0.0	0.0	0.0	0.0	0	4.5	4.5				24	0	24
08/04/21	N602RA (H500)	PAOM - PAOM	5.8	5.8	0.0	0.0	0.0	0.0	0	5.8	5.8				35	0	35
08/05/21	N602RA (H500)	PAOM - PAOM	3.4	3.4	0.0	0.0	0.0	0.0	0	3.4	3.4				13	0	13
08/07/21	N602RA (H500)	PAOM - PAOM	0.2	0.2	0.0	0.0	0.0	0.0	0	0.0	0.2				1	0	1
08/08/21	N602RA (H500)	PAOM - PAOM	2.2	2.2	0.0	0.0	0.0	0.0	0	2.2	2.2				6	0	6
08/09/21	N602RA (H500)	PAOM - PAOM	1.4	1.4	0.0	0.0	0.0	0.0	0	1.4	1.4				4	0	4
08/10/21	N602RA (H500)	PAOM - PAOM	5.7	5.7	0.0	0.0	0.0	0.0	0	5.7	5.7				30	0	30
08/11/21	N602RA (H500)	PAOM - PAOM	6.2	6.2	0.0	0.0	0.0	0.0	0	6.2	6.2				50	0	50
08/12/21	N602RA (H500)	PAOM - PAOM	4.8	4.8	0.0	0.0	0.0	0.0	0	4.8	4.8				29	0	29
08/13/21	N602RA (H500)	PAOM - PAOM	5.0	5.0	0.0	0.0	0.0	0.0	0	5.0	5.0				32	0	32
08/15/21	N602RA (H500)	PAOM - PAOM	3.4	3.4	0.0	0.0	0.0	0.0	0	3.4	3.4				31	0	31
08/16/21	N602RA (H500)	PAOM - PAOM	4.1	4.1	0.0	0.0	0.0	0.0	0	4.1	4.1				29	0	29
08/17/21	N602RA (H500)	PAOM - PAOM	2.6	2.6	0.0	0.0	0.0	0.0	0	2.6	2.6				40	0	40
08/18/21	N602RA (H500)	PAOM - PAOM	4.8	4.8	0.0	0.0	0.0	0.0	0	4.8	4.8				48	0	48
08/20/21	N602RA (H500)	PAOM - PAOM	3.2	3.2	0.0	0.0	0.0	0.0	0	3.2	3.2				7	0	7
08/21/21	N602RA (H500)	PAOM - PAOM	3.0	3.0	0.0	0.0	0.0	0.0	0	3.0	3.0				5	0	5
08/22/21	N602RA (H500)	PAOM - PAOM	1.5	1.5	0.0	0.0	0.0	0.0	0	1.5	1.5				4	0	4
08/23/21	N602RA (H500)	PAOM - PAOM	3.1	3.1	0.0	0.0	0.0	0.0	0	3.1	3.1				0	0	0
08/31/21	N602RA (H500)	PAOM - PAOM	4.6	4.6	0.0	0.0	0.0	0.0	0	4.6	4.6				21	0	21
09/01/21	N602RA (H500)	PAOM - PAOM	1.3	1.3	0.0	0.0	0.0	0.0	0	1.3	1.3				21	0	21
09/02/21	N602RA (H500)	PAOM - PAOM	1.4	1.4	0.0	0.0	0.0	0.0	0	1.4	1.4				15	0	15
09/04/21	N602RA (H500)	PAOM - PAOM	3.3	3.3	0.0	0.0	0.0	0.0	0	3.3	3.3				16	0	16
09/05/21	N602RA (H500)	PAOM - PAOM	1.6	1.6	0.0	0.0	0.0	0.0	0	1.6	1.6				13	0	13
TOTALS THIS PAGE			96.9	96.9	0.0	0.0	0.0	0.0	0	96.7	96.9				611	0	611
TOTALS TO DATE			1,643.6	1,549.6	0.0	36.4	41.2	0.0	0	890.3	1,643.6				3931	80	4020

INSTRUMENT				TRAINING			Additional Comments and Remarks
Actual	Sim	Holds	Aprch	Dual Gvn	Dual Rcvd	Sim Flight	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Hauled out supplies to camp, backhauled nets and baskets. Flew 2x pax to camp.
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Foggy wx kept us from slinging
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Fish Surveys with Owl Ridge, crappy wx and mountain winds
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Fish surveys, nice day but raind and low vis
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: high winds
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Final day of fish surveys, OGE hover taxi out of trim over rivers in high winds, (25KTS) and lots of off field landings.
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 24 external loads delivered, timbers delivered to mountainside
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 5 round trips to camp and a trip up to grab the pad builders from the side of the hill
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Return from MX flight, powercheck after power turbine replacement.
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Flight to camp with pax for day shift diamond drill, then mud bay to m28 as pass started to close. Then return to nome with mud bay night crew.
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 24 round trip external loads
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: survey job on the proposed
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: survey work
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Survey work
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Flight survey work with Recon, along mosquito pass
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Recon flights around mosquito pass
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Survey of road alaignement with Recon LLC
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: More work with Recon on road alaignments
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 3 round trip external loads to camp and one additional trip out to camp. returned with a passenger to nome. Once landed we conducted a control rigging check flight.
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 4 round trips with external loads to camp from 28 mile camp, all around 1000#
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 2 round trips to camp through the mountains
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: flew lumber loads to camp and then moved lumber around on the new pad at camp
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 19 picks, 5 precision sets
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: internal cargo to camp and then local crew moves with a couple toe in landings for Geologists
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Round trip external ops to camp from mile post 28, heaviest load was 1000# rest of the loads were all around the 900 mark
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Passenger flight to and from camp temps getting near freezing
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	55.5	3	45	470.9	232.2	21.8	

I certify that the entries in this log are correct.

Date	Aircraft	Route	Total Time	TYPE OF PILOTING TIME							CATEGORY / CLASS				LANDINGS		
				PIC	SIC	Solo	Night	NVG	NVG Ops	XC	RH				Full Stop D	Full Stop N	All
09/06/21	N602RA (H500)	PAOM - PAOM	1.9	1.9	0.0	0.0	0.0	0.0	0	1.9	1.9				4	0	4
09/15/21	N602RA (H500)	PAOM - OUT - TO - CAMP - THEN - EXTERNAL - LOADS - IN - THE - AREA - AND - RETURNED - PAOM	2.6	2.6	0.0	0.0	0.0	0.0	0	2.6	2.6				22	0	22
09/16/21	N602RA (H500)	PAOM - PAOM	1.1	1.1	0.0	0.0	0.0	0.0	0	1.1	1.1				8	0	8
09/17/21	N602RA (H500)	PAOM - PAOM	3.0	3.0	0.0	0.0	0.0	0.0	0	3.0	3.0				14	0	14
09/18/21	N602RA (H500)	PAOM - PAOM	2.5	2.5	0.0	0.0	0.0	0.0	0	2.5	2.5				8	0	8
09/19/21	N602RA (H500)	PAOM - PAOM	1.6	1.6	0.0	0.0	0.0	0.0	0	1.6	1.6				4	0	4
09/20/21	N602RA (H500)	PAOM - PAOM	2.8	2.8	0.0	0.0	0.0	0.0	0	2.8	2.8				24	0	24
09/21/21	N602RA (H500)		1.3	1.3	0.0	0.0	0.0	0.0	0	1.3	1.3				23	0	23
09/22/21	N602RA (H500)		3.6	3.6	0.0	0.0	0.0	0.0	0	3.6	3.6				20	0	20
09/23/21	N602RA (H500)	PAOM - PAOM	3.0	3.0	0.0	0.0	0.0	0.0	0	3.0	3.0				34	0	34
09/24/21	N602RA (H500)	PAOM - PAOM	2.8	2.8	0.0	0.0	0.0	0.0	0	2.8	2.8				6	0	6
09/25/21	N602RA (H500)	PAOM - PAOM	2.4	2.4	0.0	0.0	0.0	0.0	0	2.4	2.4				7	0	7
09/26/21	N602RA (H500)	PAOM - PAOM	1.5	1.5	0.0	0.0	0.0	0.0	0	1.5	1.5				32	0	32
09/27/21	N602RA (H500)	PAOM - PAOM	2.6	2.6	0.0	0.0	0.0	0.0	0	2.6	2.6				20	0	20
09/28/21	N602RA (H500)	PAOM - PAOM	5.9	5.9	0.0	0.0	0.0	0.0	0	5.9	5.9				43	0	43
10/01/21	N602RA (H500)	PAOM - PAOM	1.8	1.8	0.0	0.0	0.0	0.0	0	1.8	1.8				11	0	11
10/03/21	N602RA (H500)	PAOM - PAOM	3.0	3.0	0.0	0.0	0.0	0.0	0	3.0	3.0				16	0	16
10/16/21	N13WD (H500)	PANC - CORDOVA - YAKUTAT - GUSTAVUS - PAKT	8.1	8.1	0.0	0.0	0.0	0.0	0	8.1	8.1				5	0	5
10/17/21	N13WD (H500)	PAKT - SEAL - COVE - SHEARWATER - PORT - HARDY - CYCD	5.5	5.5	0.0	0.0	0.0	0.0	0	5.5	5.5				4	0	4
10/18/21	N13WD (H500)	CYCD - PORT - ANGELES - SOUTHWEST - WA - REGIONAL - THE - DALLES - STELLA - JONES - PIERCE ID	7.0	7.0	0.0	0.0	0.0	0.0	0	6.5	7.0				14	0	14
10/20/21	N13WD (H500)		0.4	0.4	0.0	0.0	0.0	0.0	0	0.0	0.4				4	0	4
10/21/21	N13WD (H500)		0.8	0.8	0.0	0.0	0.0	0.0	0	0.0	0.8				8	0	8
10/22/21	N13WD (H500)		0.7	0.7	0.0	0.0	0.0	0.0	0	0.0	0.7				9	0	9
10/23/21	N13WD (H500)		0.3	0.3	0.0	0.0	0.0	0.0	0	0.0	0.3				2	0	2
10/26/21	N13WD (H500)		0.4	0.4	0.0	0.0	0.0	0.0	0	0.0	0.4				5	0	5
10/27/21	N13WD (H500)		0.3	0.3	0.0	0.0	0.0	0.0	0	0.0	0.3				3	0	3
10/30/21	N13WD (H500)		0.4	0.4	0.0	0.0	0.0	0.0	0	0.0	0.4				5	0	5
10/31/21	N13WD (H500)		0.8	0.8	0.0	0.0	0.0	0.0	0	0.0	0.8				5	0	5
11/01/21	N13WD (H500)		1.5	1.5	0.0	0.0	0.0	0.0	0	0.0	1.5				17	0	17
TOTALS THIS PAGE			69.6	69.6	0.0	0.0	0.0	0.0	0	63.5	69.6				377	0	377
TOTALS TO DATE			1,713.2	1,619.2	0.0	36.4	41.2	0.0	0	953.8	1,713.2				4308	80	4397

INSTRUMENT				TRAINING			Additional Comments and Remarks
Actual	Sim	Holds	Aprch	Dual Gvn	Dual Rcvd	Sim Flight	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: low wx conditions, two round trips to camp for passenger flights
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 22 external loads, slinging 500' sections of hose line in the mouth of mosquito pass
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: external to camp from 28 then to town from camp.
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: lots of external ops in camp for pad builders then moving rocks to town, 25 total picks
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 6 trips with external loads and passenger moves from camp to mp28
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 2 round trips were taken to camp delivering 2k pounds of concrete
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: water survey with brian laplaunt
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: trips to mp28 for barite
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 33 external loads to camp
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 3x trips to camp
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: External loads from MP 28 to camp and local camp operations
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: pad biulder moves then a handful of ext moves around camp in preparation for rig move
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Light cargo to camp then camp operations, mix of external and crew moves.
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: fish stream surveys with owl ridge
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 8 external loads brought from the hill to camp, 400' sections of water line
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 38 external loads
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: .5 of training at end of day with landings in trees for cutter crews
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Recon with mitch
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 2x crew moves and a wx recon
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: 3 crew moves in total
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: flew hook crew around to orient them in the md500
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	55.5	3	45	470.9	232.2	21.8	

I certify that the entries in this log are correct.

Date	Aircraft	Route	Total Time	TYPE OF PILOTING TIME							CATEGORY / CLASS				LANDINGS			
				PIC	SIC	Solo	Night	NVG	NVG Ops	XC	RH			Full Stop D	Full Stop N	All		
11/03/21	N13WD (H500)		0.3	0.3	0.0	0.0	0.0	0.0	0	0.0	0.3				6	0	6	
11/03/21	N602RA (H500)		0.2	0.2	0.0	0.0	0.0	0.0	0	0.0	0.2				5	0	5	
11/04/21	N602RA (H500)		0.6	0.6	0.0	0.0	0.0	0.0	0	0.6	0.6				6	0	6	
11/05/21	N602RA (H500)		0.5	0.5	0.0	0.0	0.0	0.0	0	0.0	0.5				10	0	10	
11/16/21	N602RA (H500)		0.2	0.2	0.0	0.0	0.0	0.0	0	0.0	0.2				4	0	4	
11/17/21	N602RA (H500)		1.2	1.2	0.0	0.0	0.0	0.0	0	0.0	1.2				10	0	10	
11/18/21	N602RA (H500)		0.3	0.3	0.0	0.0	0.0	0.0	0	0.0	0.3				4	0	4	
11/21/21	N602RA (H500)		0.3	0.3	0.0	0.0	0.0	0.0	0	0.0	0.3				1	0	1	
11/22/21	N602RA (H500)		0.5	0.5	0.0	0.0	0.0	0.0	0	0.0	0.5				10	0	10	
12/29/21	N602RA (H500)	LWS - STELLA JONES	0.6	0.6	0.0	0.0	0.0	0.0	0	0.6	0.6				1	0	1	
12/30/21	N602RA (H500)		0.3	0.3	0.0	0.0	0.0	0.0	0	0.0	0.3				4	0	4	
01/03/22	N602RA (H500)		0.9	0.9	0.0	0.0	0.0	0.0	0	0.0	0.9				10	0	10	
01/10/22	N602RA (H500)		0.6	0.6	0.0	0.0	0.0	0.0	0	0.0	0.6				12	0	12	
01/17/22	N602RA (H500)	STELLA - DIRECT - LWS	0.5	0.5	0.0	0.0	0.5	0.0	0	0.0	0.5				1	0	1	
02/27/22	N245CH (H47)	KUAO - KMMV	0.7	0.7	0.0	0.0	0.0	0.0	0	0.0	0.7				4	0	4	
07/16/22	N474CH (H47)	KMCC - KALT - KONO - KMSO	4.7	4.6	0.1	0.0	0.0	0.0	0	4.7	4.7				3	0	3	
07/19/22	N388RA (H47)	KTWF - KSMN	1.4	1.3	0.1	0.0	0.0	0.0	0	1.4	1.4				1	0	1	
07/20/22	N388RA (H47)	KSMN - MOOSEFIRE - KSMN	0.0	0.0	3.5	0.0	0.0	0.0	0	0.0	0.0				2	0	2	
			TOTALS THIS PAGE	13.8	13.6	3.7	0.0	0.5	0.0	0	7.3	13.8				94	0	94
			TOTALS TO DATE	1,727.0	1,632.8	3.7	36.4	41.7	0.0	0	961.1	1,727.0				4402	80	4491

INSTRUMENT				TRAINING			Additional Comments and Remarks
Actual	Sim	Holds	Aprch	Dual Gvn	Dual Rcvd	Sim Flight	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Ely flew in 602 for the remainder of the job, flew both machines today
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Cut Crews, Hook Crew, Recon w/ Dave webb
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: site recon with aaron henson
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Recon of the unit with kyle
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Hook crew drop off and pickup
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: xc from lewiston to the stella jones landing site
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: recon of LZ's after taking a month off and snow depths increasing
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: cut crew and recon around the unit
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Recon of unit
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: aircraft reposition to Lewiston.
0.0	0.0	0	0	0.0	0.7	0.0	Travis Violette CFI Exp: Pilot: SIC type check, in Vertol 234
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Ferry to missoula, travis violette was left seat.
0.0	0.0	0	0	0.0	0.0	0.0	
0.0	0.0	0	0	0.0	0.0	0.0	Pilot: Day one of the moose fire Div K and Div T
0.0	0.0	0	0	0.0	0.7	0.0	
0.0	55.5	3	45	470.9	232.9	21.8	I certify that the entries in this log are correct.

CERTIFICATES

Medical Certificate

Class: First
Date Issued: 2020-12-29
Date Expires: 2021-12-31

Commercial Pilot

Certificate Number: [REDACTED]
Date Issued: 2016-04-19
Date Expires: No Expiration
Ratings: **Instrument - Helicopter**
Expires: No Expiration
Rotorcraft Helicopter
Expires: No Expiration

Flight Instructor

Certificate Number: [REDACTED]
Date Issued: 2017-05-01
Date Expires: 2019-05-01
Ratings: **Instrument - Helicopter**
Expires: No Expiration
Rotorcraft Helicopter
Expires: No Expiration

Jared Bird, Commercial Pilot
certificate number [REDACTED], has
demonstrated the skill and knowledge required
for the safe operation of the BV234, relevant to
the duties and responsibilities of a second in
command.

Travis Violette CFI [REDACTED] Exp 3/2024
[REDACTED]

COLUMBIA HELICOPTERS, INC.
HELICOPTER FLIGHT TRAINING

Pilot Jared Bird		
Instructor (Print) Travis Violette		
Training Date 2-27-22	Type Aircraft BV234	Aircraft Number N245CH
Reference Number	Block Time	Flight Time 0.7

GRADING LEGEND		TRAINING COURSE	
1 - Proficient 2 - Normal Progress 3 - Additional Training Required 4 - Unsatisfactory D - Discussed N/A - Not Applicable		☐ PIC ☒ SIC ☒ Initial ☐ Transition ☐ Recurrent ☐ Upgrade ☐ Re-qualification	
Training Conducted For What FAR Operations		Seat Flow	
☒ 61 ☐ 133/137 ☐ 135		Left Right ☐ ☒	

FLIGHT EVENT	Grade	Comment
A. PREPARATION		
1. Paperwork/Dispatch Procedures	2	
2. Visual Inspection	3	
3. Pre-taxi Procedures	3	
4. Performance Limitations	3	
B. SURFACE OPERATION		
1. Starting	3	
a) Battery	3	
b) APU	3	
c) Clearing	2	
d)		
e)		
Start Malfunctions	3	
a) Engine or APU Fire	3	
b) Hot Start	3	
c) Cold Hang-up	3	
2. Rotor Engagement	3	
3.		
4. Taxi	3	
5. Reserved		
6. Lift-to-Hover	2	
7. Sideward/Rearward Hovering	3	
8. 3-Axis Hovering	3	
9. Confined Area Operations		
10. Slope Operations		
a) Landing		
b) Liftoff		
c) Dynamic Rollover (Oral Only)		
11. Pretakeoff Checks	3	
a) Powerplant	3	
b) Ice Protection	3	
c) Autopilot/Trim Disconnect	3	
d) Radio Set-Up	3	
e)		
C. TAKE-OFF		
1. Normal	3	
2. Instrument		
3. Obstacle Clearance	3	
4. Running (High Altitude)		

FLIGHT EVENT	Grade	Comment
5. Category "A"		
6. Category "A" with Powerplant		
Failure Before CDP		
7. Category "A" with Powerplant		
Failure After CDP		
8. Rejected Takeoff		
D. CLIMB		
1. Best Rate	3	
2. Best Angle / Vloss	3	
E. EN ROUTE		
1. Medium-Banked Turns	3	
2. Powerplant Shutdown & Restart	3	
3. Topping		
4.		
F. DESCENT		
1. Normal	2	
2. Maximum Rate	3	
3. Autorotative Glide - Min. Rate A/S		
Maximum Distance Airspeed	3	
G. APPROACHES		
1. VFR Procedures	3	
a) Normal	2	
b) Obstacle Clearance	2	
c) High Altitude		
d) Elevated Landing Site		
e) With Degraded Control Aug.	3	
f) Balked Landing		
2. IFR Precision Approaches		
a) ILS/Normal		
b) ILS/One-Engine Inop.		
c) ☐ ARA/Normal		
d) ☐ ARA/One-Engine Inop.		
e) ☐ PAR/Normal		
f) ☐ PAR/One-Engine Inop.		
3. IFR Non-precision Approaches		
a) NDB/Normal		
b) VOR/Normal		
c) ☐ LOC/BC Procedures		
d) ☐ SDF/LDA Procedures		

Instructor's Signature: _____

Pilot's Signature: _____



COLUMBIA HELICOPTERS, INC.

FLIGHT EVENT	Grade	Comment
e) ☐ ASR Procedures		
f) ☐ RNAV Procedures		
g) ☐ LORAN-C		
h) ☐ Circling Approach		
4. Missed Approaches		
a) From Precision Approach		
b) From Non-precision Approach		
c) With Powerplant Failure		
H. LANDINGS		
1. Normal	3	
2.		
3. ☐ Category "A"		
4. ☐ Category "A" with Powerplant Failure		
Before LDP ☐ After LDP ☐		
5. Crosswind	3	
6. From a Precision Approach		
7. From a Precision Approach With at Least 50% Power Deficiency		
8. With Degraded Control Aug.		
I. AFTER LANDING		
1. Taxi	3	
2. Parking	3	
3. Stopping the Rotors	3	
4. Emergency Evacuation	3	
J. UNPREPARED SITE OPERATIONS		
1. Confined Areas		
2. Pinnacles		
3. Ridgelines		
4.		
K. OTHER FLIGHT PROCEDURES		
1. Holding		
2. Ice Accumulation on Airframe	3	
3. Air Hazard Avoidance	3	
4. Windshear/Microburst	3	

FLIGHT EVENT	Grade	Comment
L. SYSTEMS PROCEDURES (Normal or Alternate)		
1. Pneumatic		
2. Heater/Air Conditioning	3	
3. Fuel and Oil	3	
4. Electrical	3	
5. Hydraulic	3	
6. Flight Controls	3	
7. Anti-Icing and De-Icing System	3	
8. Auto Flight Control Systems/SAS	3	
9. Flight Management & Guidance	3	
10. Automatic Approach/Landing Aid		
11. Loss of Anti-Torque Effectiveness		
12. Airborne Weather Radar		
13. Flight Instrument System Mal.	3	
14. Communications Equipment	3	
15. Navigation Systems	3	
M. SYSTEMS PROCEDURES (Emerg)		
1. Aircraft Fires	3	
2. Smoke Control	3	
3. Powerplant Malfunction	3	
4. Electrical System	3	
5. Hydraulic System	3	
6. Pneumatic System	3	
7. Flight Control System Malfunction	3	
8. Landing Gear Malfunction	3	
9. Drive System/Anti-Torque Failure	3	
10. Settling with Power	3	
N. CREW PROCEDURES		
1. Crew Coordination/Cockpit Mgmt.	3	
2. Situation Awareness	3	
3. ATC & Communications Procedure	3	
4. Use of Checklists	3	
5. Speed and Altitude Control	3	

EXTERNAL LOAD OPERATIONS UNDER PART 133/137

CLASS "A" LOADS	Grade	Comment
1. Loading & Tie-down		
2. Takeoff/Departure		
3. Hovering		
4. Approach & Landing		
5. Flight Up To Maximum Airspeed		
CLASS "B" LOADS		
1. Approach To Hooker		
2. Pick-Up & Departure		
3. Enroute/Load Maneuvering		
4. Approach and Touchdown		
5. Landing		
6. Planning & Alertness		
7. Evacuation Litter Operations		

CLASS "C" LOADS	Grade	Comment
1. Rigging		
2. Pulling Technique		
CLASS "D" LOADS		
Type of Load Operations:		
1. Emergency Procedures		
2. Rigging		
3. Systems Operation		
GENERAL		
1. Safety of Flight		
2. Emergency Procedures		
3. Systems Operations		
4. Water Bucket Operations		

Comments:





ROTAK FLIGHT OPERATIONS

PILOT PROFICIENCY CHECK

AIRMEN COMPETENCY/PROFICIENCY CHECK			LOCATION ANC		DATE 3/23/2022	
PART 91, 133, 137, 135			TYPE OF CHECK			
NAME OF AIRMEN JARED BIRD			91	133	137	135
			X	X	X	
PILOT CERTIFICATION INFORMATION		GRADE NUMBER	COMMERCIAL		MEDICAL INFORMATION DATE: 12/01/2021	
EMPLOYED BY ROTAK		BASED AT ANC		DATE OF BIRTH: [REDACTED] CLASS: SECOND		
NAME OF CHECK AIRMEN Kevin Brashar		SIG OF CHECK AIRMEN [REDACTED]		TYPE AIRCRAFT (MAKE/MODEL)		
				FLIGHT TIME GROUND TIME 2.5		
FLIGHT AND GROUND TOPICS						
PILOT			RECCURENT DUE:			
			INITIAL	RECCURENT	3/2023	
				X		
GROUND			FLIGHT			
ROTAK OPERATIONS MANUAL			X	PREFLIGHT INSPECTION		ORAL
DUTIES AND RESPONSIBILITIES			X	TAXI / TAKE OFF/ NORMAL & CROSSWIND		ORAL
FLIGHT LOCATING PROCEDURES			X	REJECTED TAKE-OFF		
OPERATIONAL CONTROL			X	RAPID DECELERATION (QUICK STOP)		
OVERDUE AIRCRAFT			X	TAKE-OFF FROM A HOVER		
PART 91 OPERATIONS (AS APPLICABLE)			X	STEEP / NORMAL APPROACH		
PART 133 OPERATIONS (AS APPLICABLE)			X	HOVERING MANEUVERS		
PART 137 OPERATIONS (AS APPLICABLE)			X	GROUND TAXI		
PART 135 OPERATIONS (AS APPLICABLE)				PINNACLE / CONFINED AREAS		
HAZMAT (WILL CARRY) SPECIAL PERMITS			X	VORTEX RING STATE		
HEC OPERATIONS (AS APPLICABLE)				SIMULATED ENGINE FAILURE WITH PWR RECOVERY		
				RUN-ON LANDING (ORAL OR FLIGHT)		
METEROLOGY			X	HYDRAULICS FAILURE (AS APPLICABLE)		
WEATHER REPORTING			X	SYSTEM FAILURES (ORAL OR FLIGHT)		
ALASKA WEATHER			X	GOVERNOR FAILURE (ORAL OR FLIGHT)		
NAVIGATION			X	FIRE IN FLIGHT (ORAL OR IN FLIGHT)		
AIRSPACE AND ATC PROCEDURES			X	GO AROUND / UNSTABILIZED APPROACH		
WARM WEATHER OPERATIONS			X			
COLD WEATHER OPERATIONS			X	AIRCRAFT SPECIFIC MANEUVERS		
WHITE / BROWN OUT CONDITIONS			X	133 LONG LINE PROFICIENCY (AS APPLICABLE)		ORAL
INADVERTANT IMC PROCEDURES			X	ADDITIONAL MANEUVERS AS REQUIRED:		
FLAT LIGHT PROCEDURES			X			
			REMARKS			
FLIGHT OPERATIONS POLICY MANUAL			X	Recurrent company operations training. Training consisted of ground only. Aircraft training was conducted through Columbia helicopters.		
FIELD OPERATIONS			X			
AIRCRAFT PERFORMANCE						
WEIGHT AND BALANCE FORMS						
EMERGENCY PROCEDURES						
MAINTENANCE TRACKING PROCEDURES				JARED WILL BE TRANSITIONING TO SIC DUTIES IN THE CH47D		
AIRCRAFT EQUIPMENT						
RESULT OF CHECK		SATISFACTORY	X			
		UNSATISFACTORY				



ROTAK FLIGHT RESUME

EMPLOYEE INFORMATION					
NAME (last, first, middle) <i>Bird, Jared Nathaniel</i>		DATE OF BIRTH [REDACTED]	PILOT CERTIFICATE NUMBER [REDACTED]		
PHYSICAL ADDRESS					
STREET [REDACTED]		CITY <i>Anchorage</i>	STATE <i>AK</i>	ZIP CODE <i>99502</i>	
MAILING ADDRESS					
STREET [REDACTED]		CITY <i>Anchorage</i>	STATE <i>AK</i>	ZIP CODE <i>99502</i>	
HOME PHONE	WORK PHONE	CELLULAR PHONE	E-MAIL		WEIGHT
		[REDACTED]	[REDACTED]		<i>190</i>
DATE HIRED <i>2-17-2020</i>		PRE-EMPLOYMENT BACKGROUND CHECK COMPLETE (YES/NO)			

FLIGHT TIME SUMMARY				
TOTAL TIME HELICOPTER:	TOTAL TIME R-44:	TOTAL TURBINE TIME:	TOTAL 500:	TOTAL AS350:
<i>1261.3</i>	<i>345.5</i>	<i>211.7</i>		<i>211.7</i>
DUTY ASSIGNMENTS				
To be completed by the Director of Operations				
MAKE/MODEL	DUTY POSITION	SIGNATURE (D.O.)		DATE
<i>Q-44</i>	<i>line Pilot</i>	[REDACTED]		<i>2-22-20</i>
<i>369D</i>	<i>line Pilot</i>	[REDACTED]		<i>8-12-20</i>
<i>A350B2</i>	<i>line Pilot</i>	[REDACTED]		<i>6-19-20</i>
OTHER DUTIES (INSTRUCTOR, CHECK-AIRMAN)				

RELIEVED OF DUTY:		
TO BE COMPLETED BY THE DIRECTOR OF OPERATIONS		
Date Terminated:		
List reason(s) for termination:		
SIGNATURE	NAME/TITLE	DATE SIGNED