

CNA. 1055. (REV. MAY 58)

DEPARTMENT OF
NATIONAL DEFENCE

PILOT'S
LOG BOOK

Name

LCDR L.T. ZBITNEW

CANADIAN FORCES RECORD OF FLYING TIME

CFHQ ONLY	COMPONENT	ELEMENT	1. S.I.N.	2. SURNAME	INITIALS	3. RANK	(RIO)
	Regular ☒ 1 Reserve ☐ 2	Navy ☒ 1 Army ☐ 2 Air Force ☐ 3	106 816 994	ZBITNEW	L.T.	MAJ	
4. MILITARY OCCUPATION CLASSIFICATION (MOC) PILOT			(B20)	5. PARENT UNIT ABTE CX-84 Det		6. YEAR OF REPORT 1969	
7. YR. OF BIRTH 1933	8. PRIMARY DUTY CX-84 Det Comd		9. INSTRUMENT RATING BY TYPE AIRCRAFT Helicopter - Jet			EXPIRY DATE Mar 70	
10. MEDICAL CATEGORY (Including limitations) 33/111/11/1			11. COMMAND CATEGORY N/A			EXPIRY DATE N/A	

AIRCRAFT TYPES FLOWN IN LAST 10 YEARS	(A10) CFHQ USE ONLY	HOURS FLOWN		AIRCRAFT TYPES FLOWN IN LAST 10 YEARS	(A10) CFHQ USE ONLY	HOURS FLOWN	
		LAST 12 MONTHS	TOTAL ON TYPE			LAST 12 MONTHS	TOTAL ON TYPE
HARVARD			220	Brought forward			
C-45			100	C-47			4
AVENGER			600	CL-84			2
T-33			79	CUH-1D			10
F2H3			20	JET RANGER			15
T1A			15	FH-1100			14
H7L (47-G)		6	261	HUGHES 206 -500			16
HUP-3			150	TH-55A 1470			5
SH-34G			40	CH-112			2
HO4S-3			800	CT-114 (59) (121)		60	62
CS2F			685	CUH-1H (8) (63)		55	55
HU-16C			10	FIREFLY			120
CHSS-2			720				
T-28			40				
12. TOTAL		TOTAL HOURS LAST 12 MONTHS 121					

13. GRAND TOTAL FLYING TIME

3933

14. DATE OF LAST DECK LANDING
1956

TYPE OF SHIP
HMCS MAGNIFICENT

TYPE OF AIRCRAFT
AVENGER

15. CERTIFIED CORRECT
7 Jan 70

16.

Date

Date

Signature of Individual Reporting

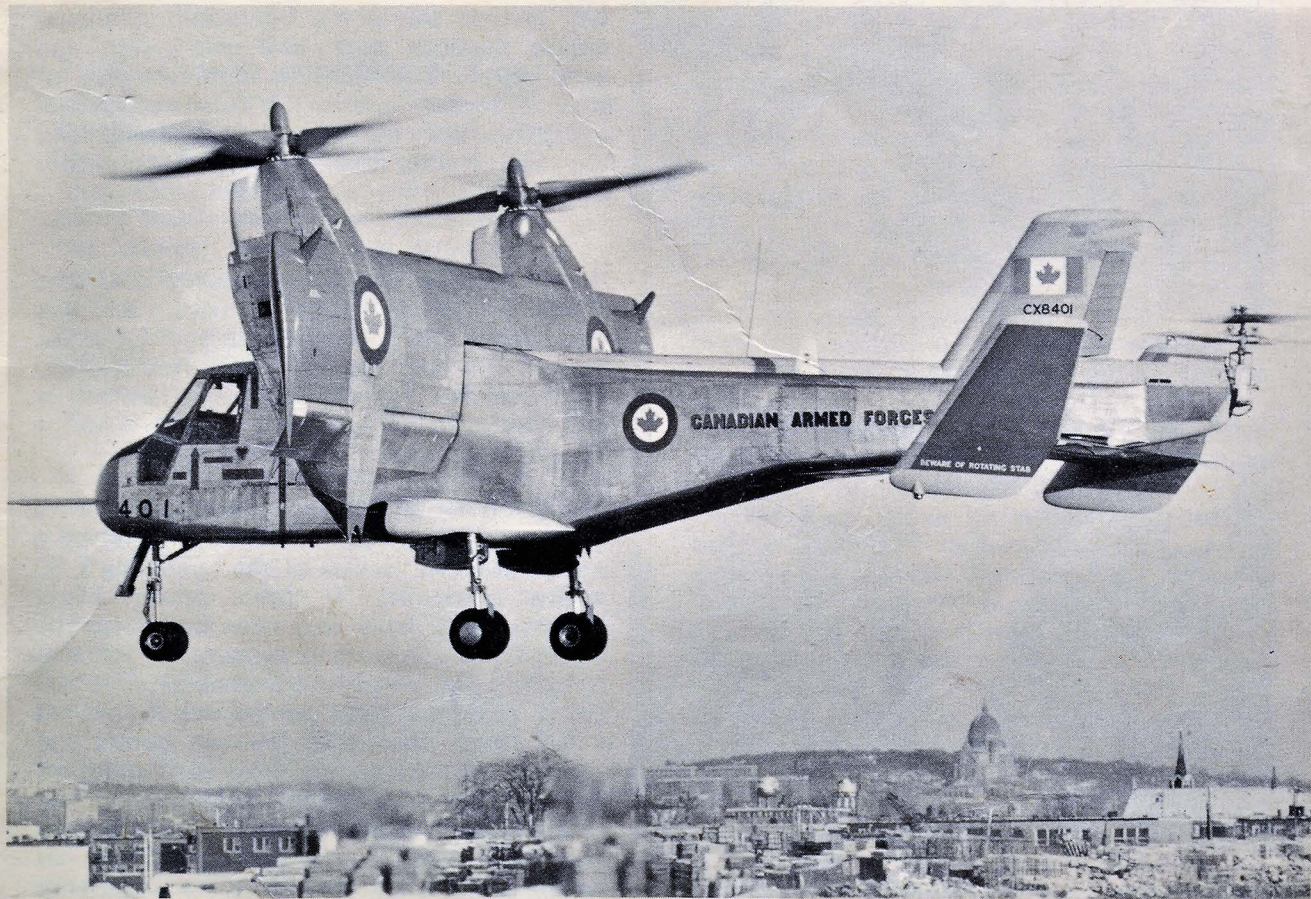
Signature of Reviewing Officer and Appointment



VSTOL NEWS

March 1970

Number 1



Canada's first military VSTOL aircraft, the Canadair CX-84, airborne for the first time on February 19th, 1970, at Cartierville Airport, Montreal. This initial flight was made in the hover mode at a temperature of 16°F, and with a wind gusting to 22 mph.

TILT-WING PROGRESS IN CANADA

The CX-84 is a development of the prototype CL-84 tilt-wing deflected slipstream VSTOL aircraft produced by Canadair Limited of Montreal.

Following seven years of development studies, construction of the original prototype was started in November, 1963 under a cost sharing contract between Canadair and the Canadian Government. From the first flight on May 7th, 1965 to the termination of flight testing in September, 1967 this prototype accumulated 405 operating hours including 145 flying hours with 151 transitions in 305 flights. Early in 1968 three CL-84-1 aircraft were ordered for the Canadian Armed Forces. These aircraft incorporate many detailed improvements over the prototype and have been given the military designation CX-84.

After satisfying an initial company test program the CX-84 aircraft will be handed over to an Armed Forces detachment from the Aerospace Engineering and Test Establishment, Uplands, Ontario. Personnel of this detachment have been based at Canadair's Plant during most of the construction and ground testing programs and so will be well prepared to take over the maintenance and operation of the CX-84's. The Armed Forces will conduct the second phase of the test program followed by operational field evaluation.

The object of this evaluation will be to assess the potential and capabilities of the VSTOL twin engine tilt-wing concept as exemplified by the CX-84, in a variety of military roles.

Also, the aircraft will be used to determine the desired operational configuration of a future production version intended for specific or multi-mission roles.

Although most of the flying will be carried out in the Montreal area, evaluation missions will include ship-borne operation, simulated rescue missions over land and water, and exercises in the field in close support of ground forces, and will therefore, involve operations from other bases. Each aircraft will log 150 flying hours during the military evaluation.

The prototype was the subject of a United States Tri-Service Flight Evaluation and was also flown by pilots from the Canadian Armed Forces, the National Aeronautical Establishment, the U.S. National Aeronautics and Space Administration (NASA), and the Royal Air Force.

The CX-84 is similar in outward appearance to the prototype CL-84 but is powered by a more advanced version of the Lycoming T.53 engine producing 7% more power. Many improvements have also been built into the control and propulsion systems to increase reliability and simplify maintenance. The 200 cu. ft. passenger/cargo compartment now has a full cargo floor with tiedown points and beneath the fuselage are three hardpoints for the carriage of external ordnance or fuel tanks. Numerous detailed improvements have also been incorporated and the CX-84 has benefited to a high degree by the experience gained during the prototype program.

FIRST FLIGHT COMMENTS: *From Canadair's Chief Test Pilot — Bill Longhurst. "The first hover flight was very satisfying in spite of gusty wind conditions. From the moment of lift-off to touchdown of the second landing, control response was good and ease of handling exceptional."*

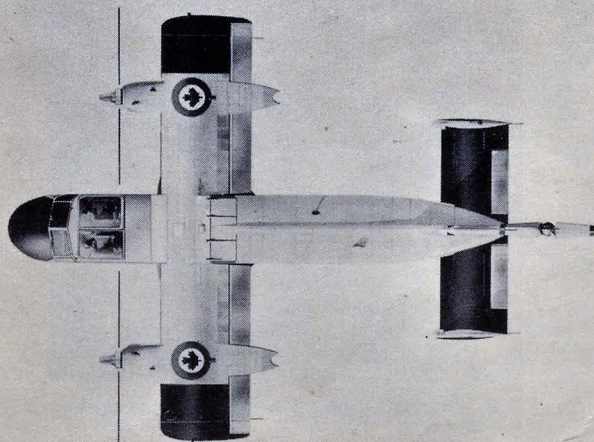
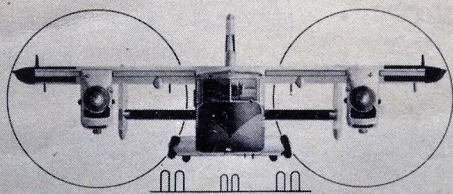
From the AETE Detachment Commander, LCDR. Larry Zbitnew — "Tremendously impressive! Observing the maneuverability of the aircraft in the hover mode provided all of us at the Detachment with a sense of accomplishment and confidence in this VSTOL concept."



Canadair's Chief Test Pilot, Bill Longhurst in the cockpit of the first CX-84 prior to initial flight.



Bill Longhurst is congratulated by Lieutenant Commander Larry Zbitnew, commander of the AETE Detachment at Canadair's Plant.



LEADING PARTICULARS

Canadair CL-84-1 (Canadian Armed Forces Designation CX-84).

Length overall	47.3 ft
Span (Wing)	33.3 ft
Span (Over prop tips)	34.6 ft
Max. Height (during wing tilt)	17.5 ft
Track Main Gear	10.2 ft
Wheelbase	14 ft
Wing Tilt Range	0° to 100°
Engines	2 Lycoming T.53 LTC1K-4C (1500 shp each)
Main propeller diameter	14 ft
Tail propeller diameter	7.1 ft
Cargo/passenger compartment	200 cu ft
Cargo/entrance door	88" x 54"
Take-off Gross Weight STO	14,500 lb
Take-off Gross Weight VTO	12,600 lb
Manufacturers Weight Empty	8,437 lb
Cruise Speed at 10,000 ft	250 KTAS
Max. level speed at military power at VTO Gross Weight	280 KTAS

Director of Marketing
VSTOL Aircraft

Canadair Limited, P.O. Box 6087, Montreal, P.Q. Canada

INSTRUCTIONS

1. This book is an official document and is the property of the Department of National Defence.
2. An accurate and detailed record is to be kept in the log of all flights undertaken in service aircraft by the individual to whom it relates.

LCDR L.T. ZBITNEW

0-80625

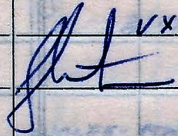
[illegible]

YEAR		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
1966		Type	No.			
MONTH	DATE					
JAN						TOTALS BROUGHT FORWARD
JAN	8	CHSS-2	4015	SELF	M ^C ARTHUR	TEST F COMPASS SWING
	17	CHSS-2	4003	SELF	M ^C ARTHUR	PD 132
	18	CHSS-2	4003	SELF	M ^C ARTHUR	PD 102
	18	CHSS-2	4003	SELF	M ^C ARTHUR	PD 102
	21	CHSS-2	4003	SELF	M ^C ARTHUR	PD 132
	26	CS2F-2	1591	HEATH	SELF	AW-OW-AW
	31	CHSS-2	4003	SELF	M ^C ARTHUR	PD 132
COMMANDING OFFICER				SUMMARY FOR JAN 1966		
JAN 1966				UNIT Vx10		
EXPERIMENTAL SQDN 10				SIGNATURE		
				DATE 31.1.66		
				CHSS-2		
				CS2F-2		
FEB	2	CHSS-2	4003	SELF	M ^C ARTHUR	PD 132
	27	CS2F-2	1544	SELF	NASH	FT LAUDERDALE - MYRTLE
	27	CS2F-2	1544	SELF	BEUTEL	MYRTLE - NCO
	28	CS2F-2	1544	SELF	BEUTEL	NCO - AW
COMMANDING OFFICER				SUMMARY FOR FEB 1966		
FEB 1966				UNIT Vx10		
EXPERIMENTAL SQDN 10				SIGNATURE		
				DATE 28.2.66		
				CHSS-2		
				CS2F		
HELO 1532.9		GRAND TOTAL [Cols. (1) to (10)]		TOTALS CARRIED FORWARD		
FIXED W 1972.5		3507 Hrs 2 Mins.				

SINGLE-ENGINE AIRCRAFT				MULTI-ENGINE AIRCRAFT						DECK LAND	INSTRUMENT FLYING [Incl. in cols. (1) to (10)]		SYN- THETIC TRAINER
DAY		NIGHT		DAY			NIGHT				Simulated	Actual	
DUAL (1)	PILOT (2)	DUAL (3)	PILOT (4)	DUAL (5)	1ST PILOT (6)	2ND PILOT (7)	DUAL (8)	1ST PILOT (9)	2ND PILOT (10)	(11)	(12)	(13)	(14)
171.6	1995.3	15.9	122.4	102.4	990.1		16.7	67.0		1500 15.5	125.2	85.5	13.2
					1.5								
					1.0								
					2.4								
					1.5								
					1.3								
					6.4								
					.8								
					8.5								
					6.4								
											MONTHLY TOTAL (14.9)		
					1.5								
					3.3							2.0	
					2.3			1.8				1.5	
					2.5							1.5	
					1.5								
					8.1			1.8					
											MONTHLY TOTAL (11.4)		
GRAND TOTAL [Cols. (1) to (10)]													
Hrs 5 Mins													

YEAR		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
1966		Type	No.			
MONTH	DATE					TOTALS BROUGHT FORWARD
JULY	4	GHSS-2	4001	SELF	PLAXTON	PD 42 ACCEPTANCE
	4	GHSS-2	4002	SELF	PLAXTON	PD 42 ACCEPTANCE
	5	GHSS-2	4001	SELF	HALLAS	PD 42 ACCEPTANCE
	5	GHSS-2	4002	SELF	HALLAS	PD 42 ACCEPTANCE
	5	GHSS-2	4002	SELF	HALLAS	PD 42 ACCEPTANCE
	26	GHSS-2	4003	SELF	PLAXTON	LOCAL
	29	GHSS-2	4003	SELF	WILKESON	FAMIL
COMMANDING OFFICER				SUMMARY FOR	JULY 1966	
				UNIT	VX 10	GHSS-2
				SIGNATURE	[Signature]	
				DATE	31.7.66	
AUG	1	GHSS-2	4015	SELF	WOLFE-MILNER	PD 102
	3	GHSS-2	4015	SELF	HALLAS	PD 102
	3	GS2F2	1544	HEATH	SELF	AW-UL-AW
	18	GHSS-2	4015	SELF	HALLAS	PD 102
	18	GHSS-2	4015	SELF	HALLAS	PD 102
	19	GHSS-2	4015	SELF	HALLAS	PD 102
	19	GHSS-2	4003	SELF	HALLAS	PD 102
	20	GHSS-2	4003	SELF	WOLFE-MILNER	PD 102
	20	GHSS-2	4003	SELF	HALLAS	PD 102
	21	GHSS-2	4003	SELF	WILLIAMS	PD 102
	22	GHSS-2	4003	SELF	HALLAS	PD 102
HELO		1611.4		GRAND TOTAL [Cols. (1) to (10)]		
FIXED WING		1988.3		3591 Hrs. 2 Mins.		
						TOTALS CARRIED FORWARD

SINGLE-ENGINE AIRCRAFT				MULTI-ENGINE AIRCRAFT						INSTRUMENT FLYING [Incl. in cols. (1) to (10)]		SYN-THETIC TRAINER	
DAY		NIGHT		DAY			NIGHT			(11)	Simulated	Actual	(14)
DUAL (1)	PILOT (2)	DUAL (3)	PILOT (4)	DUAL (5)	1st PILOT (6)	2ND PILOT (7)	DUAL (8)	1st PILOT (9)	2ND PILOT (10)		(12)	(13)	
171.6	1995.3	15.9	122.4	102.4	1069.3		16.7	68.8		1500 15N	125.7	89.5	13.2
					1.3								
					3.0								
					.5								
					.5								
					.3								
					.5								
					.8								
					6.9								
					.5								
					.5								
					5.8							1.0	
					.5								
					.3								
					2.3								
					1.5								
					2.3								
					2.0								
					2.0								
					2.0								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)

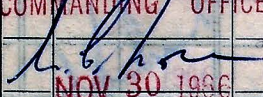
YEAR 1966		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
						TOTALS BROUGHT FORWARD
AUG	23	CHSS-2	4003	SELF	HALLAS	PD 102
	24	CHSS-2	4015	SELF	HALLAS	PD 102
	25	CHSS-2	4015	SELF	HALLAS	PD 102
	25	CHSS-2	4015	SELF	HALLAS	PD 102
	27	CHSS-2	4003	SELF	HALLAS	PD 102
	29	CHSS-2	4003	SELF	HALLAS	PD 102
	30	CHSS-2	4003	SELF	HALLAS	PD 102
	31	CHSS-2	4003	SELF	HALLAS	PD 102
	31	CHSS-2	4015	SELF	HALLAS	PD 102
COMMANDING OFFICER				SUMMARY FOR AUG 1966		
AUG 30 1966				UNIT	VX 10	CHSS-2
EXPERIMENTAL SQDN 10				SIGNATURE		CS2F-2
				DATE		
SEPT	1	CHSS-2	4015	SELF	LOGAN	PD 102
	2	CHSS-2	4015	SELF	LOGAN	PD 102
	6	CHSS-2	4003	SELF	LOGAN	PD 102
	7	CHSS-2	4015	SELF	LOGAN	PD 102
	7	CHSS-2	4015	SELF	WOLFE-MILNER	PD 102
	7	CHSS-2	4015	SELF	HARAZAN	PD 102
	7	CHSS-2	4015	SELF	LOGAN	PD 102
	13	CS2F-2	1507	SELF	DUNN	PD 102 AW-OW-AW
	21	CS2F-2	1544	SELF	DUNN	PD 102 AW-OW-AW

GRAND TOTAL [Cols. (1) to (10)]
3624 Hrs. 8 Mins.

TOTALS CARRIED FORWARD

HELO 1630.7
FIXED W 2002.6

SINGLE-ENGINE AIRCRAFT				MULTI-ENGINE AIRCRAFT						INSTRUMENT FLYING [Incl. in cols. (1) to (10)]		SYN-THETIC TRAINER	
DAY		NIGHT		DAY			NIGHT			(11)	Simulated	Actual	(14)
DUAL (1)	PILOT (2)	DUAL (3)	PILOT (4)	DUAL (5)	1st PILOT (6)	2ND PILOT (7)	DUAL (8)	1st PILOT (9)	2ND PILOT (10)				
171.6	1995.3	15.9	122.4	102.4	1095.9		16.7	68.8		150.0 50N	125.7	90.5	13.2
					.5								
					.5								
					2.0								
					1.3								
					1.4								
					.5								
					1.5								
					1.4								
					2.0								
					25.0								
					5.8						1.0		
											MONTHLY TOTAL		30.8
					1.0								
					2.5								
					.3								
					1.4								
					1.0								
					1.0								
					1.0								
					7.5								
					6.8								
171.6	1995.3	15.9	122.4	102.4	1129.5		16.7	68.8		150.0 50N	125.7	91.5	13.2

YEAR		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
						TOTALS BROUGHT FORWARD
COMMANDING OFFICER  NOV 30 1966 EXPERIMENTAL SQDN 10				SUMMARY FOR	NOV 1966	GHSS-2
				UNIT	10	CS2F
				SIGNATURE		
				DATE	30 NOV 66	
DEC	5	GHSS-2	4015	SELF	WATSON	LOCAL IF
	5	GHSS-2	4015	WATSON	SELF	LOCAL IF
	6	GHSS-2	4015	WATSON	SELF	COMPASS SWING
	7	GHSS-2	4015	WATSON	SELF	LOCAL IF
	12	GHSS-2	4015	SELF	WATSON	PD 148
	12	GHSS-2	4015	SELF	WATSON	PD 148
	13	GHSS-2	4015	SELF	WATSON	PD 148
	13	GHSS-2	4015	SELF	WATSON	PD 148
	14	GHSS-2	4015	SELF	WATSON	PD 148
	15	GHSS-2	4015	SELF	WATSON	PD 148
	16	GHSS-2	4015	SELF	WATSON	PD 148
	16	GHSS-2	4015	SELF	WATSON	PD 148
	17	GHSS-2	4015	SELF	WATSON	PD 148
	18	GHSS-2	4015	SELF	WATSON	PD 148
	19	GHSS-2	4015	SELF	WATSON	PD 148
	20	GHSS-2	4015	SELF	WATSON	PD 148
	21	GHSS-2	4015	SELF	WATSON	PD 148
	28	CHSS-2	4015	SELF	NASH	TICKET RIDE
HELO 1653.5 FIXED W 2032.4				GRAND TOTAL [Cols. (1) to (10)] 3685.9 Hrs. 9 Mins.		TOTALS CARRIED FORWARD

[illegible][illegible]

YEAR 1967		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
						TOTALS BROUGHT FORWARD
FEB	10	TUTOR	002	CAPT REED	SELF	LOCAL FAM
	10	T-33	617	CAPT REED	SELF	LOCAL FAM
	18	DC-3		CAPT DRANS	SELF	OW - TR OW
				SUMMARY FOR FEB		
				UNIT.....	ARTE	TUTOR
				DATE.....	28 FEB 68	T-33
				SIGNATURE...	<i>[Signature]</i>	DC-3
MAR	8	CSRF-1	1507	SELF	CDR TATE	LOCAL
MAR	16	CHSS-2	4013	WATSON	SELF	PD 42
				SUMMARY FOR MARCH		
				UNIT.....	ARTE	CSRF
				DATE.....	30 MARCH	CHSS-2
				SIGNATURE...	<i>[Signature]</i>	
APR	7	DC-3		PREFONTAINE	SELF	OW - SJ - OW
APR	10	HTL-6	SET	MCGREGOR	SELF	LOCAL
				SUMMARY FOR APRIL		
				UNIT.....	ARTE	DC-3
				DATE.....	30 APRIL	HTL-6
				SIGNATURE...	<i>[Signature]</i>	

TOTALS CARRIED FORWARD

[illegible]

YEAR 1967		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
						TOTALS BROUGHT FORWARD
MAY	6	HTK-6	SCJ	MCGARCON	SELF	VAR STAB PAT.
MAY	15	CL-84		MCDONALD	SELF	FAM
	16	CL-84		LONGHURST	SELF	FAM
	19	CHSS-2	4016	MONKHOUSE	SELF	CHASE CL-84
				SUMMARY FOR MAY		
				UNIT.....	ARTE	HTK-6
				DATE.....	30 MAY	CL-84
				SIGNATURE..	<i>[Signature]</i>	CHSS-2
JUNE	4	CL-84		LONGHURST	SELF	FAM
CHSS-2	8	CHSS-2		SELF	MONK	CHSS-2 ACCEPT.
				SUMMARY FOR JUNE		
				UNIT.....	ARTE	CL-84
				DATE.....	30 JUNE	CHSS-2
				SIGNATURE..	<i>[Signature]</i>	
JULY	13	T-33	107	MCCAMAN	SELF	LOCAL
JULY	15	CS2F	1507	SELF	TATE	LOCAL
				SUMMARY FOR JULY		
				UNIT.....	ARTE	T-33
				DATE.....	30 JULY	CS2F
				SIGNATURE..	<i>[Signature]</i>	

HELD 1700.5
FIXED WING 2044.7

GRAND TOTAL [Cols. (1) to (10)]
3745 Hrs. 2 Mins.

TOTALS CARRIED FORWARD

SINGLE-ENGINE AIRCRAFT				MULTI-ENGINE AIRCRAFT						INSTRUMENT FLYING [Incl. in cols. (1) to (10)]		SYN-THETIC TRAINER	
DAY		NIGHT		DAY		NIGHT				(11)	Simulated		Actual
DUAL (1)	PILOT (2)	DUAL (3)	PILOT (4)	DUAL (5)	1ST PILOT (6)	2ND PILOT (7)	DUAL (8)	1ST PILOT (9)	2ND PILOT (10)		(12)	(13)	(14)
75.6	1946.3	15.9	128.4	102.4	1191.7		19.0	75.0		DECK LANDING 105D SON	126.6	90.5	13.2
	1.0			0.5									
				0.3									
					2.0								
	1.0												
				0.8									
					2.0								
				0.5									
					3.4								
				0.5									
					3.4								
1.2					2.0								
1.2													
					2.0								

MONTHLY TOTAL (3.8)

Operations Officer
CE&PE Uplands Ont

MONTHLY TOTAL (3.9)

Operations Officer
CE&PE Uplands Ont

MONTHLY TOTAL (3.2)

YEAR 1967		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
AUG						TOTALS BROUGHT FORWARD
AUG	7	T-33	617	MCCAMEN	ZBITNEW	LOCAL
	9	HTL	SSJ	SELF		
	11	HTL	SSJ	SELF		
				SUMMARY FOR AUG		
				UNIT . . .	AKTE	T-33
				DATE . . .	30 AUG	HTL
				SIGNATURE	<i>[Signature]</i>	
OCT	31	T-33	617	PRUFONTAINE	SELF	LOCAL
	31	T-33	617	FITZGERALD	SELF	LOCAL
				SUMMARY FOR OCT		
				UNIT . . .	AKTE	T-33
				DATE . . .	30 OCT	
				SIGNATURE	<i>[Signature]</i>	
NOV	6	T-33	617	MCCAMEN	SELF	T-33
	6	CHSS-2	4004	SELF	ASHLEY	LOCAL
	7	CHSS-2	4026	HEWER	SELF	HAUL DOWN
	7	T-33	617	MCCAMEN	SELF	T-33
	16	CHSS-2	15372	SELF	SAITO	JDA HAUL DOWN
	17	CHSS-2	15372	SELF	SAITO	" " "
	18	CHSS-2	15372	SELF	SAITO	" " "
	21	CHSS-2	15372	SELF	SAITO	" " "

NRLO 1713.5

FIVEP WING 2048.3

GRAND TOTAL [Cols. (1) to (10)]

3761 Hrs. 8 Mins.

TOTALS CARRIED FORWARD

SINGLE-ENGINE AIRCRAFT				MULTI-ENGINE AIRCRAFT						INSTRUMENT FLYING [Incl. in cols. (1) to (10)]		SYN-THETIC TRAINER	
DAY		NIGHT		DAY			NIGHT			DL's	Simulated		Actual
DUAL (1)	PILOT (2)	DUAL (3)	PILOT (4)	DUAL (5)	1ST PILOT (6)	2ND PILOT (7)	DUAL (8)	1ST PILOT (9)	2ND PILOT (10)		(11)	(12)	(13)
176.8	1997.3	15.9	122.4	103.7	1199.1		19.0	75.0		150 D 50 W	124.6	90.5	13.2
1.0													
	1.0												
	1.0												
1.0													
	2.0												
1.2													
1.3													
2.5													
1.8													
					2.0								
					1.7								
1.8													
					2.0								
					1.7								
					2.1								
					1.5								
				</									

YEAR 1967		AIRCRAFT		PILOT, OR 1st PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
						TOTALS BROUGHT FORWARD
NOV	21	CHSS-2	15372	SAITO	SELF	JDA HAUL DOWN
NOV	22	CHSS-2	15372	SELF	SAITO	" " "
NOV	22	CHSS-2	15372	SELF	SAITO	" " "
NOV	23	CHSS-2	15372	SAITO	SELF	" " "
				SUMMARY	FOR NOV	
				UNIT	ARTE	CHSS-2
				DATE	30 NOV	T-33
				SIGNATURE	<i>[Signature]</i>	
DEC	3	HTA-C	SCB	SELF		LOCAL
DEC	4	B JET RANG		SELF		PD 67/32-1
DEC	13	T-33	617	FITZ	SELF	LOCAL
				SUMMARY	FOR DEC	
				UNIT	ARTE	ATL
				DATE	15 DEC	BELL JET RANGER
				SIGNATURE	<i>[Signature]</i>	T-33
1968						
JAN	5	CUH-1D		MENKIL	SELF	TEST
	6	CUH-1D		MENKIL	SELF	FAM
	6	CUH-1E		STANLY	SELF	TEST
	7	HEUY COBRA		MENKIL	SELF	FAN
	12	CHSS-2	4009	COOK	SELF	FAM
	13	CHSS-2	4009	COOK	SELF	ICE TRIALS
HELO 1733.8				GRAND TOTAL [Cols. (1) to (10)]		TOTALS CARRIED FORWARD
FIXED W. 2050.0				378.3 Hrs. 8 Mins.		

[illegible]

YEAR		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
1968		Type	No.			
MONTH	DATE					
APR.						TOTALS BROUGHT FORWARD
APR	17	CHSS-2	4009	SELF	GARVIN	OW-UL
	25	BELL 47	SKK	M'GREGOR	SELF	LOCAL
				SUMMARY FOR APR		
				DATE	26 APR	CHSS-2
				SIGNATURE	<i>[Signature]</i>	BELL 47
MAY	28	HILLER	N373FH	GARVIN	SELF	LOCAL
	29	HILLER	"	GARVIN	SELF	PD 66/4-2
	30	HILLER	"	SELF	BENNETT	PD 66/4-2
	30	HILLER	"	SELF	MAJ. M'LEISH	LOCAL
				SUMMARY FOR MAY		
				UNIT	DATE	HILLER FH-1100
				DATE	30 MAY 68	
				SIGNATURE	<i>[Signature]</i>	
JUNE	5	HILLER		SELF	BENNETT	FAM LOCAL
JUNE	7	HILLER		SELF		FAM LOCAL
JUNE	18	BELL 47G	SKK	GARVIN	SELF	LOCAL
				SUMMARY FOR JUNE		
				UNIT	DATE	HILLER FH-1100
				DATE	30 JUNE	BELL 47G
				SIGNATURE	<i>[Signature]</i>	

HELO - 1756.6

FIXED WING 2050.0

GRAND TOTAL [Cols. (1) to (10)]
380.6 Hrs. 7 Mins.

TOTALS CARRIED FORWARD

SINGLE-ENGINE AIRCRAFT				MULTI-ENGINE AIRCRAFT						DA 15	INSTRUMENT FLYING [Incl. in cols. (1) to (10)]		SYN-THETIC TRAINER
DAY		NIGHT		DAY		NIGHT					Simulated	Actual	
DUAL	PILOT	DUAL	PILOT	DUAL	1ST PILOT	2ND PILOT	DUAL	1ST PILOT	2ND PILOT	(11)	(12)	(13)	(14)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)				
200.5	2007.7	15.9	122.4	103.7	1231.3		19.0	75.0		1500 500	126.6	90.5	13.2
	1.0				1.0					<i>[Signature]</i>			
										Operations Officer			
										CE&PE Uplands Ont.			
	1.0				1.0					MONTHLY TOTAL (2.0)			
1.0													
	1.6												
	1.3									<i>[Signature]</i>			
	1.0									Operations Officer			
										CE&PE Uplands Ont.			
1.0	3.9									MONTHLY TOTAL (4.9)			
	1.0									<i>[Signature]</i>			
	1.0									Operations Officer			
	1.0									CE&PE Uplands Ont.			
	2.0									MONTHLY TOTAL (3.0)			
	1.0												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)

TOTALS CARRIED FORWARD

Monthly Total (9.1)

YEAR 1969		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
						TOTALS BROUGHT FORWARD
MAR	3	CUH-114	8105	SIMMONS	SELF	OW - CV
MAR	4	CUH-1H	8105	SELF	SIMMONS	NIGHT IF.
MAR	6	CUH-1H	8105	SELF	MOORE	1-RC.
MAR	26	CUH-1H	8105	SELF	MOORE	CV - OW
MAR	26	CUH-1H	8105	SELF	MOORE	OW - CV
MAR	27	CUH-1H	8105	SELF	MOORE	CV - OW
AETE		CX84	Summary for March unit ✓ Date 28 March Signature [Signature]			CUH-1H
DETACHMENT						
APRIL	14	CUH-1H	8105	SELF	SIMMONS	NITE
APRIL	27	CUH-1H	8105	SELF	SIMMONS	OW - TR
APRIL	28	CUH-1H	8105	SELF	SIMMONS	TR - OW
APRIL	29	TUTOR	001	HANSEN	SELF	LOCAL
AETE		CX84	Summary for April unit ✓ Date 29 April Signature [Signature]			CUH-1H TUTOR
DETACHMENT						

GRAND TOTAL [Cols. (1) to (10)]
3875 Hrs. 1 Mins.

FIXED 2052.8

[illegible]

YEAR 1969		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
						TOTALS BROUGHT FORWARD
MAY	1	TUTOR	001	HANSEN	2ND NEW	CV-OW
MAY	2	COH-114	8105	SIMMONS	SELF	EMRG.
MAY	5	COH-114	8105	SELF	SIMMONS	NITE
MAY	5	COH-114	8105	SELF	MOORE	NITE
MAY	6	COH-114	8105	SELF	MOORE	OW-CV
MAY	8	TUTOR	001	MOORE	SELF	CV-OW
MAY	29	TUTOR	001	HANSEN	SELF	MISS 3
MAY	30	TUTOR	001	HANSEN	SELF	MISS 4
AETE		CX84	Summary for May Unit Date Signature		CV-14 Det 30 May [Signature]	TUTOR COH-114
DETACHMENT						
JUNE	4	CT 114	003	W/m	SELF	PROF.
JUNE	5	COH-114	8105	SELF	W/m.	PROF
JUNE	10	CT 114	003	MOORE	SELF	CV-OW
JUNE	16	CT 114	065	MOORE	SELF	IF
JUNE	19	CT 114	065	HANSEN	SELF	FAM
JUNE	26	H-13	PDX-X	DAVIDSON	SELF	SIMULATOR
JUNE	26	H-13	PDX-X	DAVIDSON	SELF	SIMULATOR
JUNE	27	H-13	PDX-X	DAVIDSON	SELF	SIMULATOR
Helo		1829.6	GRAND TOTAL [Cols. (1) to (10)]		3894 Hrs. 5 Mins.	
FIXED		2064.9	TOTALS CARRIED FORWARD			

[illegible]

YEAR 1969		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
—	—	—	—	—	—	TOTALS BROUGHT FORWARD
NOV	3	CT-114	001	2B. TNEW	MODRE	CV-OW-CV
NOV	17	CT-114	001	SELF	MODRE	CV-AW
NOV	18	CT-114	001	SELF	MODRE	AW BSR
NOV	18	CT-114	001	SELF	MODRE	BSR-AW
NOV	18	CT-114	001	SELF	MODRE	HW-CV
AETE		CX84	Summary for Nov. unit Date Signature			
DETACHMENT			CX-84 Det Nov 20 [Signature]			
DEC	15	CUH-114	8105	SELF	Simmons	LOCAL
DEC	15	CUH-114	8105	SELF	W/M	LOCAL
DEC	22	CUH-114	8105	SELF	W/M	LOCAL
DEC	22	CUH-114	8105	SELF	W/M	CV-OW
DEC	22	CUH-114	8105	SELF	W/M	OW-CV
DEC	22	CUH-114	8105	SELF	THOMAS	LOCAL
DEC	23	CUH-114	8105	SELF	MIKKER	CV-OW
DEC	23	CUH-114	8105	SELF	SOS.	OW-CV
			Summary for Dec unit Date Signature			
			24 Dec CUH-114 [Signature]			

GRAND TOTAL [Cols. (1) to (10)]
3952 Hrs. 1 Mins.

TOTALS CARRIED FORWARD

SINGLE-ENGINE AIRCRAFT				MULTI-ENGINE AIRCRAFT						INSTRUMENT FLYING [Incl. in cols. (1) to (10)]		SYN-THETIC TRAINER	
DAY		NIGHT		DAY		NIGHT				(11)	Simulated (12)		Actual (13)
DUAL (1)	PILOT (2)	DUAL (3)	PILOT (4)	DUAL (5)	1ST PILOT (6)	2ND PILOT (7)	DUAL (8)	1ST PILOT (9)	2ND PILOT (10)				
	1.3										0.4		
	1.5										0.5		
	1.0												
	1.0										0.7		
	0.3												
	5.1										0.4	1.2	
Monthly Total (5.1)													
	0.3												
	0.8												
	2.2												
	1.1												
	1.2												
	1.1												
	1.0												
	1.2												
	8.9												
AETE CX84													
DETACHMENT													
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)

Helo 1942.9
FIXED 2109.2

Heb - 1848.7
FIXED 2115.0

3963 Hrs. 7 Mins.

TOTALS CARRIED FORWARD

[illegible]

YEAR 1970		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
TOTALS BROUGHT FORWARD						
AETE		CX84		Summary for Feb		
				unit - ✓ CX-44 Det		
				Date 22 Feb		
DETACHMENT				Signature [Signature]		
March	6	CT-114	6001	Self	Thomas	CV-OW
March	6	CT-114	6001	Self	Thomas	OW-CV
March	9	CT-114	6001	Self		CV-HU
March	9	CT-114	6001	Self		TRQ
March	10	CT-114	6001	Self		CV-HU
March	12	CT-114	6001	Self	Simmons	CV-OW
March	12	CT-114	6001	Self	Simmons	OW-CV
March	13	CT-114	6001	Self	Moore	CV-OW-CV
March	18	CT-114	6003	Self		CV-OW
March	18	CT-114	6003	Self		OW-CV
March	19	CT-114	6003	Self		CV-HU
March	19	CT-114	6003	Self		HU-local mts
AETE		CX84		Summary for March		
				unit - ✓ CX-44 Det		
				Date 20 March		
DETACHMENT				Signature [Signature]		

GRAND TOTAL [Cols. (1) to (10)]

39.74 Hrs. 8 Mins.

TOTALS CARRIED FORWARD

HEHO 1848.7

FIXED 2126.1

SINGLE-ENGINE AIRCRAFT				MULTI-ENGINE AIRCRAFT						INSTRUMENT FLYING [Incl. in cols. (1) to (10)]		SYN- THETIC TRAINER	
DAY		NIGHT		DAY		NIGHT		1ST PILOT	2ND PILOT	(11)	Simulated (12)		Actual (13)
DUAL (1)	PILOT (2)	DUAL (3)	PILOT (4)	DUAL (5)	1ST PILOT (6)	2ND PILOT (7)	DUAL (8)					1ST PILOT (9)	
	4.8												
	3.3											2.7	0.5
	1.5											1.0	
	0.5												
	1.0												
	1.0											0.8	
	0.5												
	1.2											0.8	
	0.8												
	1.5											1.3	
	0.7												
	0.7												
	0.5												
			1.2										
	9.9		1.2									6.6	0.5

[illegible][illegible]

HEAD. 1850.6	GRAND TOTAL [Cols. (1) to (10)]	TOTALS CARRIED FORWARD
	4000 Hrs. 0 Mins.	
FIXED 2149.4		

[illegible]

YEAR
1975

GRAND TOTAL [Cols. (1) to (10)]										TOTALS CARRIED FORWARD	
Hrs. Mins.											

[illegible]

[illegible]

GRAND TOTAL [Cols. (1) to (10)]
4190 Hrs. 8 Mins.

HELO - 1980.2

FIXED-2290.6

[illegible]

YEAR 1978		AIRCRAFT		PILOT, OR 1ST PILOT	2ND PILOT, PUPIL OR PASSENGER	DUTY (INCLUDING RESULTS AND REMARKS)
MONTH	DATE	Type	No.			
—	—	—	—	—	—	TOTALS BROUGHT FORWARD
JUL	7	S-2F	SNK	UMBARGER	SELF	X-COUNTRY
JUL	7	S-2F	SNK	SELF	UMBARGER	X COUNTRY
JUL	8	S-2F	SNK	SELF	UMBARGER	IF
JUL	10	S-2F	SNK	KINNEO	SELF	IF
JUL	15	HUGH'S 500	CVU	MARSHALL	SELF	FAM
JUL	16	HUGH'S 500	CVU	SELF	MARSHALL	FAM
JUL	17	HUGH'S 500	CVU	SELF	—	LOCAL
JUL	19	HUGH'S 500	CVU	SELF	—	LOCAL
JUL	21	S-2F	SNK	SELF	UMBARGER	X COUNTRY
JUL	22	S-2F	SNK	SELF	UMBARGER	X COUNTRY
				SUMMARY FOR JUL 78		
				UNIT	PMA-266	S-2F
				DATE	JUL 78	HUGH'S 500
				SIGNATURE	<i>[Signature]</i>	
				SUMMARY FOR 1978		
				UNIT	PMA-266	SH-2F
				DATE	JUL 78	SH-3 SEAKING
				SIGNATURE	<i>[Signature]</i>	HU-1D HWAY
						JET RANGER
						HUGH'S 500
						COBAA.

HELO - 1984, 9 422 Hrs. 8 Mins.

FIXED - 2235.9

GRAND TOTAL [Cols. (1) to (10)]

TOTALS CARRIED FORWARD

[illegible]

CANADIAN FORCES RECORD OF FLYING TIME

CFHQ ONLY	COMPONENT	ELEMENT	1. S.I.N.	2. SURNAME	INITIALS	3. RANK
Regular ☒ 1 Reserve ☐ 2	Navy ☒ 1 Army ☐ 2 Air Force ☐ 3		106-816-994	ZBITNEM	L.T.	LCER
4. MILITARY OCCUPATION CLASSIFICATION (MOC)			5. PARENT UNIT		6. YEAR OF REPORT	
110/88			AETE		1968	
7. YR. OF BIRTH	8. PRIMARY DUTY	9. INSTRUMENT RATING BY TYPE AIRCRAFT		EXPIRY DATE		
1933	Pilot	Helicopter		Dec 67		
10. MEDICAL CATEGORY (Including limitations)			11. COMMAND CATEGORY		EXPIRY DATE	
33/11/12/1			N/A		N/A	
12. MEDICAL CATEGORY (Show any limitations)		HOURS FLOWN		HOURS FLOWN		
AIRCRAFT TYPES FLOWN IN LAST 10 YEARS		LAST 12 MONTHS		LAST 12 MONTHS		
TOTAL ON TYPE		TOTAL ON TYPE		TOTAL ON TYPE		
Harvard		220		Brought forward		
C-47		100		C-47		4
Avenger		600		C-119		2
T-33		79		* C-119		10
F2H		20		* Jet Ranger		15
T-1A		15		Tutor		72
* HTL		255		* FH-1100		14
* HUP-3		150		* Hughes 206		16
* SH-340		40		* TH-55A		5
* HO4S-3		800		* CH-112		62
OS2F		685				
HU-16C		10				
* OHSS-2		720				
T-28		40				
TOTAL		TOTAL HOURS LAST 12 MONTHS				
		3812				
14. DATE OF LAST DECK LANDING			TYPE OF SHIP		TYPE OF AIRCRAFT	
1956			HMCS MAGNIFICENT		AVENGER	
15. CERTIFIED CORRECT			16.			
14 Jan 69			3927			
Date			Signature of Individual Reporting		Signature of Reviewing Officer and Appointment	

COPY 4 - TO Reporting Individual for Retention

2 REMARKS IF REQUIREMENTS NOT MET, AND CATEGORY

3 CERTIFIED THAT BOTH FLYING AND WRITTEN REQUIREMENTS OF AFHQ 9.00/98

☐ HAVE ☐ HAVE NOT BEEN MET

SIGNATURE OF UNIT COMMANDER

SENIOR TEST PILOT
AETE UPLANDS

DISTRIBUTION: ORIGINAL & 1 COPY TO CHQ (ORIGINAL FOR TRANSMISSION TO AFHQ) 1 COPY - UNIT R1
1 COPY - INDIVIDUAL RETENTION

RCAF F127 (REV 4-63) 7530-21-800-6594

	MULTI-ENGINE AIRCRAFT		NIGHT	
	DAY	NIGHT	DAY	NIGHT
(11)				
(12)				
(13)				
(14)				

ROYAL CANADIAN AIR FORCE
RECORD OF FLYING TIME

▶ SEE INSTRUCTIONS FOR COMPLETING FORM ON THE REVERSE SIDE ◀

For AFHQ Use Only Prefix (2)	NUMBER (2-3) 100-816-944	RANK (28) LTJG	NAME (9-27) 2511new LT
PERIOD OF REPORT 1 JAN 67 TO 31 DEC 67	UNIT AETE Uplands	LIST BRANCH (29-31) 110-88	COMPONENT (1) Regular
DATE OF BIRTH (32-33) 11 JUL 1933	REGULAR DUTIES O/C VIOL Section	INSTRUMENT RATING Standard	EXPIRES 28/12/67
MEDICAL CATEGORY (Show any limitations) 111/12/1	COMMAND CATEGORY na	EXPIRES na	
GRAND TOTAL FLYING TIME (34-40) 3742			HRS

SECTION "A" PILOT - HOURS ONLY TO BE SHOWN

TOTALS	SINGLE-ENGINE				MULTI-ENGINE						INSTRUMENT	
	DAY		NIGHT		DAY			NIGHT			SIM.	CLOUD
	DUAL	PILOT	DUAL	PILOT	DUAL	1/PILOT	2/PILOT	DUAL	1/PILOT	2/PILOT		
ANNUAL	20	5			6	20	4		4	1	2	4
GRAND	191	2000	15	122	108	1206	4	16	79	1	128	94

RADIO NAVIGATOR AND FLIGHT ENGINEER - HOURS ONLY TO BE SHOWN

TOTALS	NAV		AI		RAD		FE	
	DAY		NIGHT		DAY		NIGHT	
	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT	DAY	NIGHT
ANNUAL								
GRAND								

SECTION "B" - CURRENT TWELVE MONTH FLYING SUMMARY.
HOURS ONLY TO BE SHOWN

SECTION "C" - AIRCRAFT TYPES FLOWN AS CAPTAIN, QUALIFIED 1ST OFFICER, RADIO NAVIGATOR OR FLIGHT ENGINEER DURING LAST 10 YEARS AND THE TOTAL HOURS ON EACH TYPE.
HOURS ONLY TO BE SHOWN

AFHQ ONLY	AIRCRAFT	HOURS	AFHQ ONLY	AIRCRAFT	HOURS	AFHQ ONLY	AIRCRAFT	HOURS
	CH33-2	15		Harvard	220		HQ4-3	800
	C52F	14		C-45	100		C52F	680
	T33	15		Avenger	600		HU-16C	10
	047	4		T33	60		CH33-2	690
	01-04	2		F2H3	20		T28	40
	CUH-1D	5		T1A	15			
	Jet Ranger	3		HTL	250			
	Tutor	2		HUP-3	150			
				SH-340	40			

SECTION "D"

CERTIFICATION

1 CERTIFIED THAT TIMES SHOWN ARE CORRECT	SIGNATURE OF OFFICER OR AIRMAN <i>[Signature]</i> 2511new LTJG
2 REMARKS IF REQUIREMENTS NOT MET, AND CATEGORY	
3 CERTIFIED THAT BOTH FLYING AND WRITTEN REQUIREMENTS OF AFHQ 9.00/38	SIGNATURE OF UNIT COMMANDER <i>[Signature]</i> (na white)/C
☐ HAVE ☐ HAVE NOT BEEN MET	SENIOR TEST PILOT AETE UPLANDS

DISTRIBUTION: ORIGINAL & 1 COPY TO CHQ (ORIGINAL FOR TRANSMISSION TO AFHQ) 1 COPY - UNIT R1
1 COPY - INDIVIDUAL RETENTION

[illegible]

Medical Category
A, B

Place
CANVAS

Date
12-3-65
extended to 30-3-66

m.o's initials
2/2/26

