



**NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety  
Washington, D.C. 20594

September 17, 2019

**Attachment 13 – Pilot flight duty logs**

**OPERATIONAL FACTORS/HUMAN PERFORMANCE**

**CEN19FA072**

NAME: Jennifer Topper Comm		MONTH / YEAR: May / 2018																
DUTY TIME (24-Hr Format x 00:00)			ROTARY WING (Commercial F8 Time Only)					FIXED WING (Commercial F8 Time Only)								TOTAL	REMARKS	
DATE	ARR	DPT	DAY	DLDG	NIGHT	NLDG	NG	NO/LDG	SINGLE-ENG				MULTI-ENGINE					
									DAY	DLDG	NIGHT	NLDG	DAY	DLDG	NIGHT	NLDG		
1	OFF	OFF	OFF														0.0	
2	OFF	OFF	OFF														0.0	
3	OFF	OFF	OFF														0.0	
4	OFF	OFF	OFF														0.0	
5	OFF	OFF	OFF														0.0	
6	OFF	OFF	OFF														0.0	
7	OFF	OFF	OFF														0.0	
8	OFF	OFF	OFF														0.0	
9	OFF	OFF	OFF														0.0	
10	OFF	OFF	OFF														0.0	
11	OFF	OFF	OFF														0.0	
12	OFF	OFF	OFF														0.0	
13	OFF	OFF	OFF														0.0	
14	OFF	OFF	OFF														0.0	
15	OFF	OFF	OFF														0.0	
16	OFF	OFF	OFF														0.0	
17	OFF	OFF	OFF														0.0	
18	OFF	OFF	OFF														0.0	
19	OFF	OFF	OFF														0.0	
20	OFF	OFF	OFF														0.0	
21	7:00	19:00	12:00														0.0	
22	7:00	19:00	12:00														0.0	
23	7:00	19:00	12:00	1.7	6												1.7	
24	7:00	19:00	12:00	1.0	5												1.0	
25	7:00	19:00	12:00	1.1	5												1.1	
26	7:00	19:00	12:00	0.0	0												0.0	
27	7:00	19:00	12:00	0.1	2												0.1	
28	7:00	19:00	12:00	0.0	0												0.0	
29	7:00	19:00	12:00	0.9	3												0.9	
30	7:00	19:00	12:00	2.7	8												2.7	
31	7:00	19:00	12:00	0.4	4												0.4	
Totals:			7.9	33	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	7.9	
			DAY	DLDG	NIGHT	NLDG	NG	NO/LDG	DAY	DLDG	NIGHT	NLDG	DAY	DLDG	NIGHT	NLDG	TOTAL	

Cells with Formula = DO NOT DELETE / USE DELETE KEY!!

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
QTR	0.0	0.0	0.0	0.0	7.9							
DAYS OFF	0	0	0	0	20							

VA TIME AND DUTY LOG VIKING AVIATION, LLC. (FORM 8867-2008) 6/1/18

NAME		MONTH / YEAR											June / 2018						
DUTY TIME (24-Hr Format - 00:00)			ROTARY WING (Commercial F/R Time Only)					FIXED WING (Commercial F/R Time Only)								TOTAL	REMARKS		
DATE	ARR	DEP	TOTAL	DAY	D/LDG	NIGHT	N/LDG	NG	NS/LDG	DAY	D/LDG	NIGHT	N/LDG	DAY	D/LDG			NIGHT	N/LDG
1	7:00	20:30	13.5	15	4													1.5	
2	7:00	19:00	12.0	0.0	0													0.0	
3	7:00	19:00	12.0	0.0	0													0.0	
4	7:00	19:30	12.5	2.1	7													2.1	
5	7:00	19:00	12.0	4.2	9													4.2	
6	OFF	OFF	OFF	0.0	0													0.0	
7	7:00	19:00	12.0	1.0	3													1.0	
7	7:00	19:00	12.0	0.2	2													0.2	
9	7:00	19:00	12.0	0.8	6													0.8	
10	7:00	19:00	12.0	0.0	0													0.0	
11	OFF	OFF	OFF	0.0	0													0.0	
12	OFF	OFF	OFF	0.0	0													0.0	
13	OFF	OFF	OFF	0.0	0													0.0	
14	OFF	OFF	OFF	0.0	0													0.0	
15	OFF	OFF	OFF	0.0	0													0.0	
16	OFF	OFF	OFF	0.0	0													0.0	
17	OFF	OFF	OFF	0.0	0													0.0	
18	OFF	OFF	OFF	0.0	0													0.0	
19	OFF	OFF	OFF	0.0	0													0.0	
20	19:00	7:00	12.0	0.2	3	0.0	0	0.0	0									0.2	
21	19:00	7:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
22	19:00	7:00	12.0	0.0	0	0.1	1	0.1	1									0.2	
23	19:00	7:00	12.0	0.0	0	1.0	5	0.7	2									1.7	
24	19:00	7:00	12.0	0.0	0	0.8	4	0.1	3									0.9	
25	19:00	7:00	12.0	0.0	0	0.1	2	0.0	0									0.1	
26	19:00	7:00	12.0	0.1	2	0.7	2	0.7	1									1.5	
27	19:00	7:00	12.0	0.0	0	0.8	2	0.7	2									1.5	
28	19:00	7:00	12.0	0.0	0	1.0	4	1.0	4									2.0	
29	19:00	7:00	12.0	0.4	1	0.5	2	0.0	0									0.9	
30	19:00	7:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
Totals:			10.5	37	50	22	3.3	13	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	16.8
			DAY	D/LDG	NIGHT	N/LDG	NG	NS/LDG	DAY	D/LDG	NIGHT	N/LDG	DAY	D/LDG	NIGHT	N/LDG	TOTAL		

Cells with Formula - DO NOT DELETE / USE DELETE KEY!

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
GTR	0.0	0.0	0.0	0.0	7.8	18.8						
DAYS OFF	0	0	0	0	26.8	10						

PILOT FLIGHT AND DUTY LOG VIKING AVIATION, LLC.

NAME			MONTH / YEAR																
Jennifer Topper Comm			July / 2018																
DUTY TIME (24-Hr Format = 00:00)			ROTORARY WING (Commercial Pil Time Only)						FIXED WING (Commercial Pil Time Only)										
DATE	ARR	DPT	TOTAL	SINGLE ENG			MULTI ENGINE			DAY	DLDG	NIGHT	NLOG	DAY	DLDG	NIGHT	NLOG	TOTAL	REMARKS
				DAY	DLDG	NIGHT	DAY	DLDG	NIGHT										
1	19:00	7:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
2	19:00	7:00	12.0	1.0	2	0.6	1	0.1	1									1.7	
3	19:00	7:00	12.0	0.0	0	0.7	4	0.7	1									1.4	
4	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
5	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
6	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
7	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
8	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
9	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
10	19:00	7:00	12.0	0.1	1	0.1	2	0.0	0									0.2	
11	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
12	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
13	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
14	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
15	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
16	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
17	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
18	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
19	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
20	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
21	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
22	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
23	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
24	10:00	22:00	12.0	1.8	1	1.0	2	0.0	0									2.8	
25	19:00	7:00	12.0	0.0	0	0.7	1	0.6	2									1.3	
26	19:00	7:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
27	19:00	7:00	12.0	0.3	2	0.5	2	0.0	0									0.8	
28	19:00	7:00	12.0	0.0	0	2.0	5	1.0	3									3.0	
29	19:00	7:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
30	19:00	7:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
31	19:00	7:00	12.0	0.3	2	0.0	0	0.0	0									0.3	
				3.5	8	5.6	17	2.4	7	0.0	0	0.0	0	0.0	0	0.0	0	11.5	
				DAY	DLDG	NIGHT	NLOG	NG	NGLDG	DAY	DLDG	NIGHT	NLOG	DAY	DLDG	NIGHT	NLOG	TOTAL	

Cells with Formulas - DO NOT DELETE / USE DELETE KEY!

MONTH DTR	JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT			NOV			DEC		
	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			
DAYS OFF	0	0	0	0	0	0	0	0	0	0	7.8	19.8	11.5			0	20	10	18			11.5	11.5													

NAME		Jennifer Topper Comm		MONTH / YEAR												August / 2018					
DUTY TIME (24-Hr Format - DD:MM)			ROTARY WING (Commercial FS Time Only)					FIXED WING (Commercial FS Time Only)										TOTAL	REMARKS		
DATE	ARRV	DEPT	TOTAL	DAY	DLDD	NIGHT	NLDD	NG	NGLDD	SINGLE-ENG					MULTIENGINE						
										DAY	DLDD	NIGHT	NLDD	DAY	DLDD	NIGHT	NLDD				
1	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
2	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
3	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
4	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
5	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
6	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0											0.0	
7	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0											0.0	
8	7:00	19:00	12.0	0.3	3	0.0	0	0.0	0											0.3	
9	7:00	19:00	12.0	1.0	4	0.0	0	0.0	0											1.0	
10	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0											0.0	
11	7:00	19:00	12.0	0.7	4	0.0	0	0.0	0											0.7	
12	7:00	19:00	12.0	0.9	5	0.0	0	0.0	0											0.9	
13	7:00	19:00	12.0	1.3	7	0.0	0	0.0	0											1.3	
14	7:00	19:00	12.0	1.0	3	0.0	0	0.0	0											1.0	
15	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
16	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
17	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
18	19:00	7:00	12.0	0.0	0	0.0	0	0.0	0											0.0	
19	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
20	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
21	7:00	19:00	12.0	0.9	7	0.0	0	0.0	0											0.9	
22	7:00	19:00	12.0	1.0	7	0.0	0	0.0	0											1.0	
23	7:00	19:00	12.0	0.4	4	0.0	0	0.0	0											0.4	
24	19:00	7:00	12.0	0.0	0	0.0	0	0.0	0											0.0	
25	18:30	8:30	14.0	0.2	2	1.1	6	0.8	4											2.1	
26	18:30	6:30	12.0	0.0	0	0.4	3	0.4	1											0.8	
27	17:00	7:00	12.0	0.0	0	0.0	0	0.0	0											0.0	
28	18:30	6:30	12.0	0.0	0	0.0	0	0.0	0											0.0	
29	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
30	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
31	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0											0.0	
Totals:			7.7	46	1.5	9	12	5	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10.4	
			DAY	DLDD	NIGHT	NLDD	NG	NGLDD	DAY	DLDD	NIGHT	NLDD	DAY	DLDD	NIGHT	NLDD	TOTAL				

Calls with Formula - DO NOT DELETE / USE DELETE KEY!

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
QTR	0.0	0.0	0.0	0.0	7.8	18.8	11.5	10.4				
DAYS OFF	0.0	0.0		0	26.6	10	18	12				





NAME:		MONTH / YEAR:																			
DUTY TIME (24-Hr Format - DD:MM)		ROTARY WING (Commercial FR Time Only)										FIXED WING (Commercial FR Time Only)									
DATE	ARR.	DEP.	TOTAL	SINGLE-ENG						MULTI-ENGINE				TOTAL	REMARKS						
				DAY	DLDG	NIGHT	NLDG	NG	NGLDG	DAY	DLDG	NIGHT	NLDG								
1	7:00	19:00	12:0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
2	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
3	7:00	19:00	12:0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
4	7:00	19:00	12:0	0.8	4	0	0	0	0	0	0	0	0	0	0	0.8					
5	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
6	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
7	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
8	7:00	19:00	12:0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
9	7:00	19:00	12:0	0.3	3	0	0	0	0	0	0	0	0	0	0	0.3					
10	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
11	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
12	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
13	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
14	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
15	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
16	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
17	7:00	19:00	12:0	0.6	4	0	0	0	0	0	0	0	0	0	0	0.6					
18	7:00	19:00	12:0	0.2	1	0	0	0	0	0	0	0	0	0	0	0.2					
19	7:00	19:00	12:0	1.5	5	0	0	0	0	0	0	0	0	0	0	1.5					
20	7:00	19:00	12:0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
21	7:00	19:00	12:0	0.5	3	0	0	0	0	0	0	0	0	0	0	0.5					
22	7:00	19:00	12:0	0.1	2	0	0	0	0	0	0	0	0	0	0	0.1					
23	7:00	19:00	12:0	0.6	3	0	0	0	0	0	0	0	0	0	0	0.6					
24	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
25	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
26	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
27	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
28	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
29	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
30	OFF	OFF	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0					
31																					
Totals:			4.8	25	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	4.8				
			DAY	DLDG	NIGHT	NLDG	NG	NGLDG	DAY	DLDG	NIGHT	NLDG	DAY	DLDG	NIGHT	NLDG	TOTAL				

Cells with Formula - DO NOT DELETE / USE DELETE KEY!!

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MONTH	0.0	0.0	0.0	0.0	7.8	16.8	11.5	10.4	18.2	4.8		
QTR	0.0	28.8			40.1			4.8				
DAYS OFF	0	0	0	0	20	10	16	12	1	16		





NAME: Jennifer Topper Conran		MONTH / YEAR December / 2018																	
DUTY TIME (24-Hr Format + 00:00)			ROTARY WING (Commercial FR Time Only)						FIXED WING (Commercial FR Time Only)								TOTAL	REMARKS	
DATE	ARR	DPT	DAY	DLDG	NIGHT	NLDG	NG	NGLDG	SINGLE-ENGINE				MULTI-ENGINE						
									DAY	DLDG	NIGHT	NLDG	DAY	DLDG	NIGHT	NLDG			
1	19:00	7:00	12.0	0.0	0	0.5	3	0.2	1									0.7	
2	19:00	7:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
3	19:00	7:00	12.0	0.0	0	0.3	2	0.2	2									0.5	
4	19:00	7:00	12.0	0.0	0	0.5	3	0.3	3									0.8	
5	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
6	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
7	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
8	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
9	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
10	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
11	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
12	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
13	7:00	19:00	12.0	1.7	11	0.0	0	0.0	0									1.7	
14	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
15	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
16	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
17	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
18	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
19	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
20	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
21	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
22	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
23	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
24	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
25	OFF	OFF	OFF	0.0	0	0.0	0	0.0	0									0.0	
26	7:00	19:00	0.0	0.0	0	0.0	0	0.0	0									0.0	
27	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
28	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
29	7:00	19:30	12.5	1.0	2	0.3	2	0.0	0									1.3	
30	7:00	19:00	12.0	0.0	0	0.0	0	0.0	0									0.0	
31	7:00	19:00	12.0	1.3	6	0.0	0	0.0	0									1.3	
Totals:			14.0	19	1.6	10	0.7	6	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	6.3
			DAY	DLDG	NIGHT	NLDG	NG	NGLDG	DAY	DLDG	NIGHT	NLDG	DAY	DLDG	NIGHT	NLDG	TOTAL		

Cells with Formula = DO NOT DELETE / USE DELETE KEY!!

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
QTR	0.0	0.0	0.0	0.0	7.5	18.8	11.5	10.4	18.2	4.8	5.6	6.3
DAYS OFF	0	0	0	0	20	10	18	12	1	18	13	11