

ELMENDORF AERO CLUB

DEPARTURE

DESTINATION

ALTERNATE

ENROUTE

WINDS ALOFT

FREEZING LEVELS & NOTES

NOTAMS

TAKEOFF DISTANCE

Maximum Weight: 3100 lbs

SHORT FIELD

TAKEOFF SPEED (KIAS)			PRESS ALT (FT)	0° C		10° C		20° C	
WEIGHT (LBS)	LIFT OFF	AT 50 FT		GRND ROLL (FT)	TOTAL FT TO CLEAR 50 FT OBS	GRND ROLL (FT)	TOTAL FT TO CLEAR 50 FT OBS	GRND ROLL (FT)	TOTAL FT TO CLEAR 50 FT OBS
3100	50	59	S.L.	720	1365	775	1465	835	1570
			1000	785	1490	845	1600	910	1720
			2000	860	1635	925	1760	995	1890
			3000	940	1800	1010	1940	1085	2090
			4000	1025	1990	1105	2150	1190	2320
			5000	1125	2210	1215	2395	1305	2595
			6000	1235	2470	1330	2685	1435	2925
			7000	1360	2780	1465	3040	1580	3330
			8000	1500	3170	1615	3485	1740	3855

NOTES:

1. Short field technique as specified in Section 4.
2. Prior to takeoff from fields above 5000 feet elevation, the mixture should be leaned to give maximum RPM in a full throttle, static run-up.
3. Decrease distances 10% for each 9 knots headwind. For operation with tail winds up to 10 knots, increase distance by 10% for each 2 knots.
4. For operation on dry, grass runway, increase distances by 15% of the "ground roll" figure.

WEIGHT AND BALANCE

N9209H

	WEIGHT (lbs)	ARM	MOMENT in LBS/1000
AIRPLANE EMPTY WEIGHT	1863.98	37.03	69.023
PILOT & FRONT PASSENGER		37.00	
REAR PASSENGERS		74.00	
BAGGAGE AREA (AREA A, 120 LBS)		97.00	
BAGGAGE AREA (AREA B, 80 LBS)		116.00	
BAGGAGE AREA (AREA C, 80 LBS)		129.00	
MAX LANDING WEIGHT	2950		
FUEL (88 GAL USEABLE)		46.50	
TOTAL MAX TAKEOFF WEIGHT: 3110			

120 LBS MAX FOR BAGGAGE AREAS A, B AND C COMBINED
80 LBS MAX FOR BAGGAGE AREAS B AND C

WEIGHT AND BALANCE WITHIN LIMITS _____



International Flight Plan

PRIORITY <div style="border: 1px solid black; padding: 2px; font-weight: bold; font-size: 1.2em;"><=FF</div>	ADDRESSEE(S) KENAI FSS <div style="border: 1px solid black; height: 20px; margin-top: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-top: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-top: 5px; text-align: right; padding-right: 5px;"><=</div>		
FILING TIME <div style="border: 1px solid black; width: 100px; height: 20px; display: flex; align-items: center;"> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> </div>	ORIGINATOR <div style="border: 1px solid black; width: 150px; height: 20px; display: flex; align-items: center;"> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> <div style="width: 20px; height: 20px;"></div> </div> <div style="text-align: right; padding-right: 10px;"><=</div>		
SPECIFIC IDENTIFICATION OF ADDRESSEE(S) AND / OR ORIGINATOR <div style="border: 1px solid black; height: 20px;"></div>			
3 MESSAGE TYPE <div style="border: 1px solid black; padding: 2px; font-weight: bold; font-size: 1.2em;"><=(FPL</div>	7 AIRCRAFT IDENTIFICATION <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">N 9 2 0 9 H</div>	8 FLIGHT RULES <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">V</div>	TYPE OF FLIGHT <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">G</div> <div style="text-align: right; padding-right: 10px;"><=</div>
9 NUMBER <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">0 1</div>	TYPE OF AIRCRAFT <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">C 1 8 2</div>	WAKE TURBULENCE CAT. <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">/ L</div>	10 EQUIPMENT <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">S, G, C, B2 /</div> <div style="text-align: right; padding-right: 10px;"><=</div>
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> 13 DEPARTURE AERODROME <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div> <div style="width: 30%;"> TIME <div style="border: 1px solid black; width: 100px; height: 20px;"></div> <div style="text-align: right; padding-right: 10px;"><=</div> </div> </div>			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> 15 CRUISING SPEED <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div> <div style="width: 30%;"> LEVEL <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div> <div style="width: 30%;"> ROUTE <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div> </div>			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> 16 DESTINATION AERODROME <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div> <div style="width: 30%;"> TOTAL EET <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">HR</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">MIN</div> </div> </div> <div style="width: 20%;"> ALTN AERODROME <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div> <div style="width: 20%;"> 2ND ALTN AERODROME <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div> </div> <div style="text-align: right; padding-right: 10px;"><=</div>			
18 OTHER INFORMATION <div style="border: 1px solid black; height: 20px;"></div>			
<div style="border: 1px solid black; height: 20px; text-align: right; padding-right: 5px;"><=</div>			
SUPPLEMENTARY INFORMATION (NOT TO BE TRANSMITTED IN FPL MESSAGES)			
19 ENDURANCE <div style="display: flex; align-items: center; font-size: 0.8em;"> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">HR</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">MIN</div> </div>	PERSONS ON BOARD <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">P /</div>		EMERGENCY RADIO <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">UHF</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">VHF</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">ELT</div> </div>
SURVIVAL EQUIPMENT <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">POLAR</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">DESERT</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">MARITIME</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">JUNGLE</div> </div>	JACKETS <div style="border: 1px solid black; width: 100px; height: 20px;"></div>		EMERGENCY RADIO <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">UHF</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">VHF</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">ELT</div> </div>
DINGHIES <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">NUMBER</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">CAPACITY</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">COVER</div> </div>	LIGHT FLUORES <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">UHF</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">VHF</div> </div>		EMERGENCY RADIO <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">UHF</div> <div style="border: 1px solid black; width: 30px; height: 20px; text-align: center;">VHF</div> </div>
NUMBER CAPACITY COVER <div style="border: 1px solid black; width: 100px; height: 20px;"></div> COLOR <div style="border: 1px solid black; width: 100px; height: 20px;"></div> <div style="text-align: right; padding-right: 10px;"><=</div>			
AIRCRAFT COLOR AND MARKINGS <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 0.9em;">A / WHITE/BLUE</div>			
REMARKS <div style="border: 1px solid black; height: 20px;"></div> <div style="text-align: right; padding-right: 10px;"><=</div>			
PILOT-IN-COMMAND <div style="border: 1px solid black; width: 150px; height: 20px;"></div> <div style="text-align: right; padding-right: 10px;"><=</div>			
FILED BY <div style="border: 1px solid black; width: 100px; height: 20px;"></div>	ACCEPTED BY <div style="border: 1px solid black; width: 100px; height: 20px;"></div>	ADDITIONAL INFORMATION <div style="border: 1px solid black; height: 20px;"></div>	