

ELMENDORF AERO CLUB

DEPARTURE

DESTINATION

ALTERNATE

ENROUTE

WINDS ALOFT

FREEZING LEVELS & NOTES

NOTAMS

SHORT FIELD TAKE-OFF DISTANCE

AT 2650 lbs

C-172RG

CONDITIONS:

Flaps Up

2700 RPM and Full Throttle prior to Brake Release

Paved, level, dry runway

Zero Wind

Cowl Flaps Open

PRESS ALT (FT)	0° C		10° C		20° C	
	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
S.L.	845	1510	910	1625	980	1745
1000	925	1660	1000	1790	1075	1925
2000	1015	1830	1095	1970	1185	2125
3000	1115	2020	1205	2185	1305	2360
4000	1230	2245	1330	2430	1435	2630

PRESS ALT (FT)	30° C		40° C	
	GRND ROLL (FT)	TOTAL FT TO CLEAR 50 FT OBS	GRND ROLL (FT)	TOTAL FT TO CLEAR 50 FT OBS
S.L.	1055	1875	1135	2015
1000	1160	2070	1245	2220
2000	1275	2290	1365	2455
3000	1400	2540	1505	2730
4000	1545	2830	1655	3045

NOTES:

1. Short field technique as specified in Section 4.
2. Prior to takeoff from fields above 3000 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

N9390B	WEIGHT (lbs)	ARM	MOMENT in LBS/1000
AIRPLANE EMPTY WEIGHT	1719.00	37.95	65.244
PILOT & FRONT PASSENGER		37.00	
REAR PASSENGERS		73.00	
BAGGAGE AREA (AREA 1, 120 LBS) ¹		95.00	
BAGGAGE AREA (AREA 2, 50 LBS) ¹		115.00	
FUEL (62 + 23 GAL USEABLE) ²		48.00	
TOTAL MAX TAKEOFF WEIGHT: 2650			

NOTE 1: 200 POUNDS MAXIMUM BAGGAGE IN BOTH AREAS COMBINED

NOTE 2: 62 GALLONS IN THE MAIN TANKS; 23 GALLONS IN THE TIP TANKS

WEIGHT AND BALANCE WITHIN LIMITS _____

International Flight Plan

U.S. Department of Transportation
Federal Aviation Administration

PRIORITY

ADDRESSEE(S) KENAI FSS

<=FF

FILING TIME

ORIGINATOR

<=

SPECIFIC IDENTIFICATION OF ADDRESSEE(S) AND / OR ORIGINATOR

3 MESSAGE TYPE

7 AIRCRAFT IDENTIFICATION

8 FLIGHT RULES

TYPE OF FLIGHT

<=(FPL

N 9 3 9 0 B

V

G

<=

9 NUMBER

TYPE OF AIRCRAFT

WAKE TURBULENCE CAT.

10 EQUIPMENT

0 1

C 1 7 2

/ L

S, G, C, B2 /

<=

13 DEPARTURE AERODROME

TIME

<=

15 CRUISING SPEED

LEVEL

ROUTE

TOTAL EET

HR MIN

16 DESTINATION AERODROME

ALTN AERODROME

2ND ALTN AERODROME

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18 OTHER INFORMATION

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SUPPLEMENTARY INFORMATION (NOT TO BE TRANSMITTED IN FPL MESSAGES)

19 ENDURANCE
HR MIN

PERSONS ON BOARD

EMERGENCY RADIO

E/

P/

R/

UHF

VHF

ELT

U

V

E

SURVIVAL EQUIPMENT

JACKETS

POLAR DESERT MARITIME JUNGLE

LIGHT FLUORES

UHF

VHF

/ P D M J

/ L F

U

V

DINGHIES

NUMBER CAPACITY COVER

COLOR

D / C

<=

AIRCRAFT COLOR AND MARKINGS

A/ WHITE/BLUE

REMARKS

N /

<=

PILOT-IN-COMMAND

C/

<=

FILED BY

ACCEPTED BY

ADDITIONAL INFORMATION