

ELMENDORF AERO CLUB

DEPARTURE

DESTINATION

ALTERNATE

ENROUTE

WINDS ALOFT

FREEZING LEVELS & NOTES

NOTAMS

SHORT FIELD TAKE-OFF DISTANCE

AT 2550 lbs

C-172R

CONDITIONS:

Flaps - 10°

Full throttle prior to brake release

Paved, level, dry runway

Zero Wind

Lift Off: 51 KIAS

Speed at 50 Ft: 57 KIAS

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.	860	1465	925	1575	995	1690
1000	940	1600	1010	1720	1090	1850
2000	1025	1755	1110	1890	1195	2035
3000	1125	1925	1215	2080	1310	2240
4000	1235	2120	1335	2295	1440	2480

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.	1070	1810	1150	1945
1000	1170	1990	1260	2135
2000	1285	2190	1380	2355
3000	1410	2420	1515	2605
4000	1550	2685	1660	2880

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.
5. Where distance value has been deleted, climb performance is minimal.

WEIGHT AND BALANCE

N35408	WEIGHT (lbs)	ARM	MOMENT in LBS/1000
AIRPLANE EMPTY WEIGHT	1655.5	39.51	65.414
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		123.00	
FUEL (53 GAL USEABLE)		48.00	
TOTAL MAX TAKEOFF WEIGHT: 2550			

NOTE 1: 120 POUNDS MAXIMUM BAGGAGE IN BOTH AREAS COMBINED

WEIGHT AND BALANCE WITHIN LIMITS _____



International Flight Plan

PRIORITY

ADDRESSEE(S) KENAI FSS

<=FF

FILING TIME

ORIGINATOR

SPECIFIC IDENTIFICATION OF ADDRESSEE(S) AND / OR ORIGINATOR

3 MESSAGE TYPE

<=(FPL

7 AIRCRAFT IDENTIFICATION

N 3 5 4 0 8

8 FLIGHT RULES

V

TYPE OF FLIGHT

G

9 NUMBER

0 1

TYPE OF AIRCRAFT

C 1 7 2

WAKE TURBULENCE CAT.

L

10 EQUIPMENT

S, G, C, B2 /

13 DEPARTURE AERODROME

TIME

15 CRUISING SPEED

LEVEL

ROUTE

16 DESTINATION AERODROME

TOTAL EET

HR MIN

ALTN AERODROME

2ND ALTN AERODROME

18 OTHER INFORMATION

SUPPLEMENTARY INFORMATION (NOT TO BE TRANSMITTED IN FPL MESSAGES)

19 ENDURANCE

HR MIN

PERSONS ON BOARD

E/

P/

EMERGENCY RADIO

UHF VHF ELT

R/ U V E

SURVIVAL EQUIPMENT

POLAR DESERT MARITIME JUNGLE

P D M J

JACKETS

LIGHT FLUORES UHF VHF

L F U V

DINGHIES

NUMBER CAPACITY COVER COLOR

D / C

AIRCRAFT COLOR AND MARKINGS

A/ WHITE

REMARKS

N /

PILOT-IN-COMMAND

C/)<=

FILED BY

ACCEPTED BY

ADDITIONAL INFORMATION