

ELMENDORF AERO CLUB

DEPARTURE

DESTINATION

ALTERNATE

ENROUTE

WINDS ALOFT

FREEZING LEVELS & NOTES

NOTAMS

SHORT FIELD TAKE-OFF DISTANCE

AT 2550 lbs

| 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 | 1230 | 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.

WEIGHT AND BALANCE

| N453SP | WEIGHT (lbs) | ARM | MOMENT in LBS/1000 |
|---|-----------------|--------|-----------------------|
| AIRPLANE EMPTY WEIGHT | 1697.8 | 38.53 | 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 _____



U.S. Department of Transportation
Federal Aviation Administration

International Flight Plan

PRIORITY

<=FF

ADDRESSEE(S) KENAI FSS

FILING TIME

ORIGINATOR

<=

SPECIFIC IDENTIFICATION OF ADDRESSEE(S) AND / OR ORIGINATOR

3 MESSAGE TYPE

<=(FPL

7 AIRCRAFT IDENTIFICATION

— N 4 5 3 S P

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

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18 OTHER INFORMATION

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SUPPLEMENTARY INFORMATION (NOT TO BE TRANSMITTED IN FPL MESSAGES)

19 ENDURANCE
HR MIN

— E/

PERSONS ON BOARD

P/

EMERGENCY RADIO

R/ UHF VHF ELT
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/RED

REMARKS

N /

<=

PILOT-IN-COMMAND

C/)

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FILED BY

ACCEPTED BY

ADDITIONAL INFORMATION