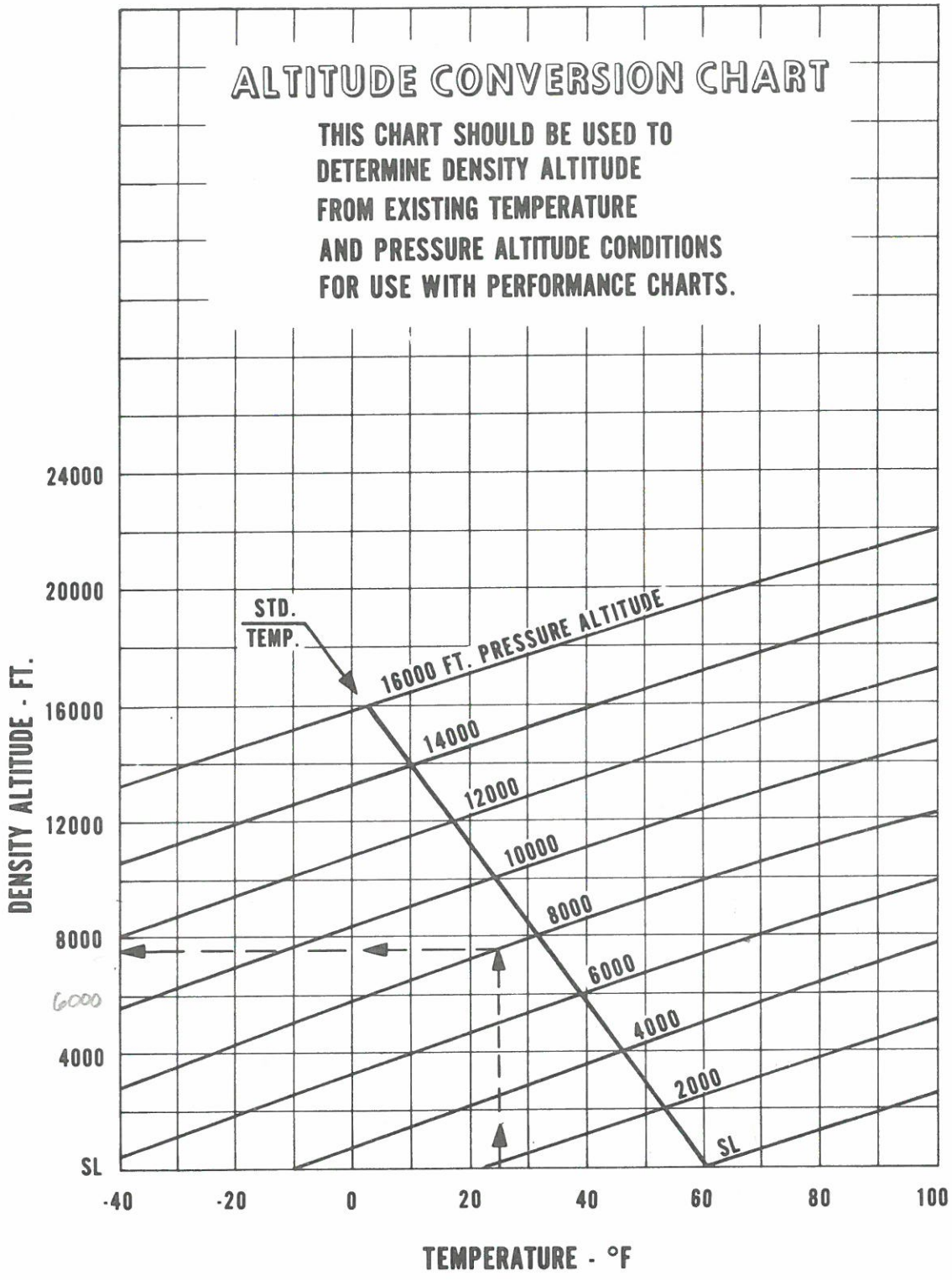
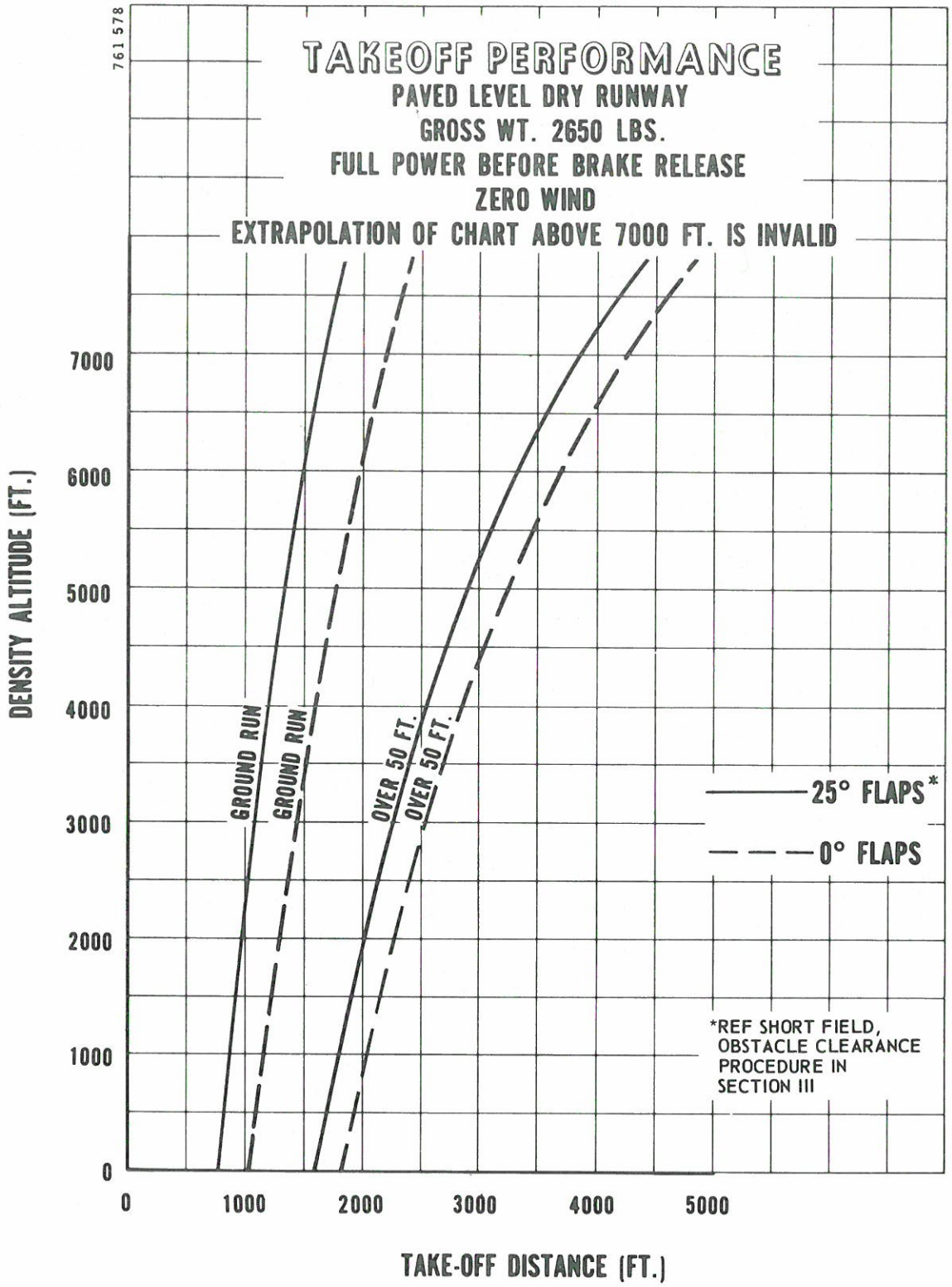
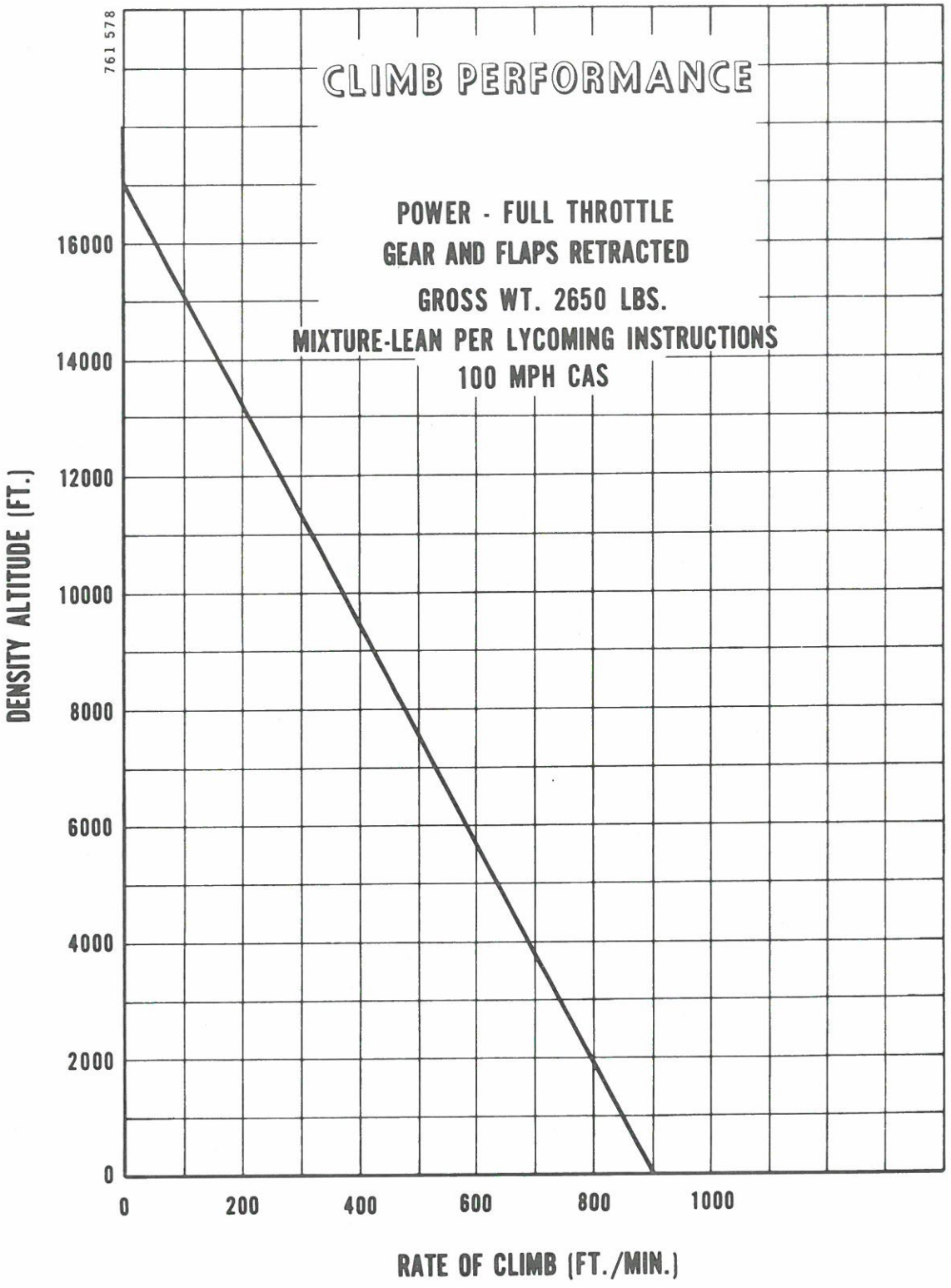
PERFORMANCE CHARTS

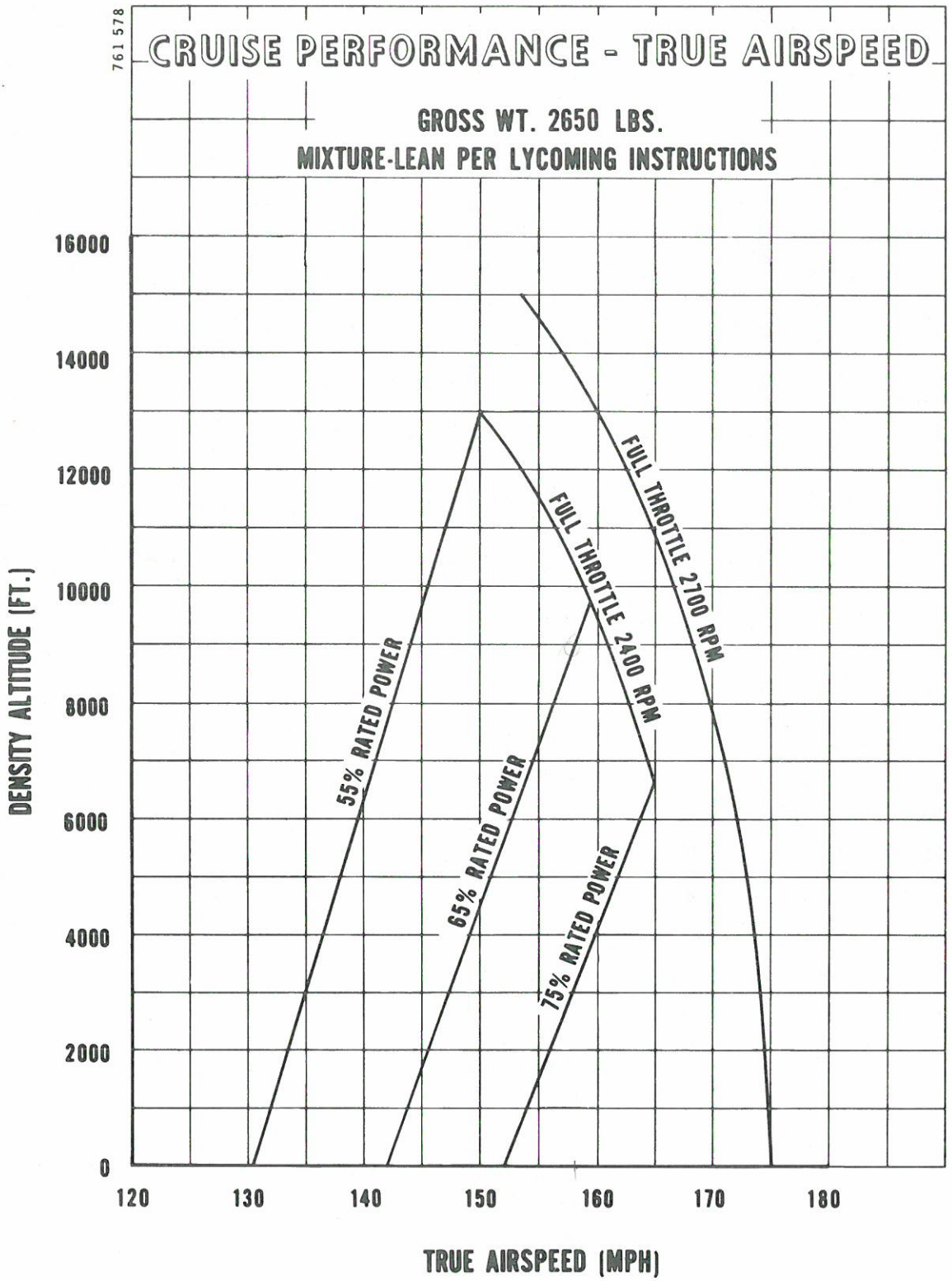

ALTITUDE CONVERSION CHART
THIS CHART SHOULD BE USED TO
DETERMINE DENSITY ALTITUDE
FROM EXISTING TEMPERATURE
AND PRESSURE ALTITUDE CONDITIONS
FOR USE WITH PERFORMANCE CHARTS.
STD.
TEMP.
16000 FT. PRESSURE ALTITUDE
14000
12000
10000
8000
6000
4000
2000
SL
24000
20000
16000
12000
8000
6000
4000
SL
DENSITY ALTITUDE - FT.
-40
-20
0
20
40
60
80
100
TEMPERATURE - °F



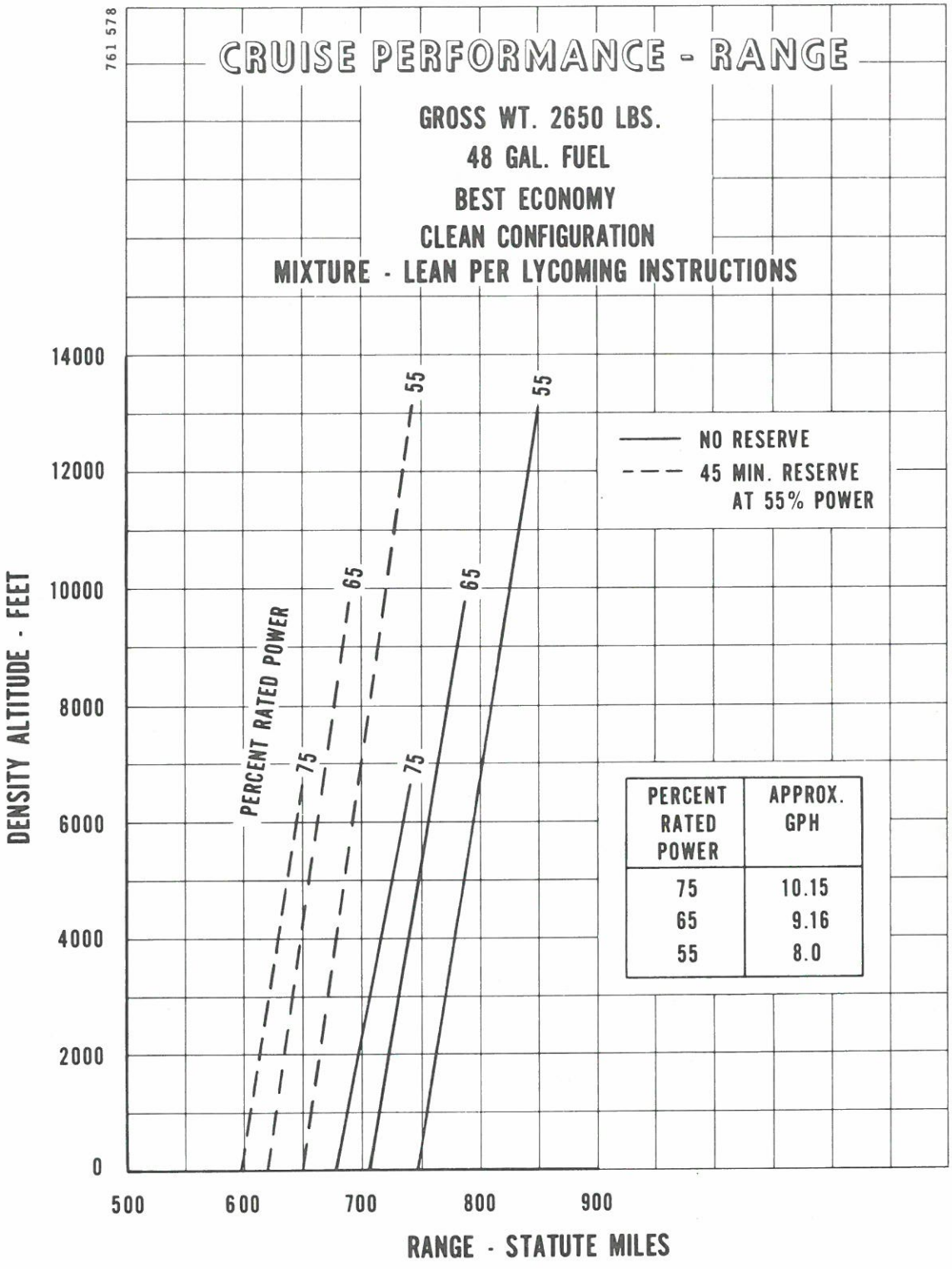
NOTE: SEE SECTION 7 FOR EFFECTS OF AIR CONDITIONING INSTALLATION ON PERFORMANCE.



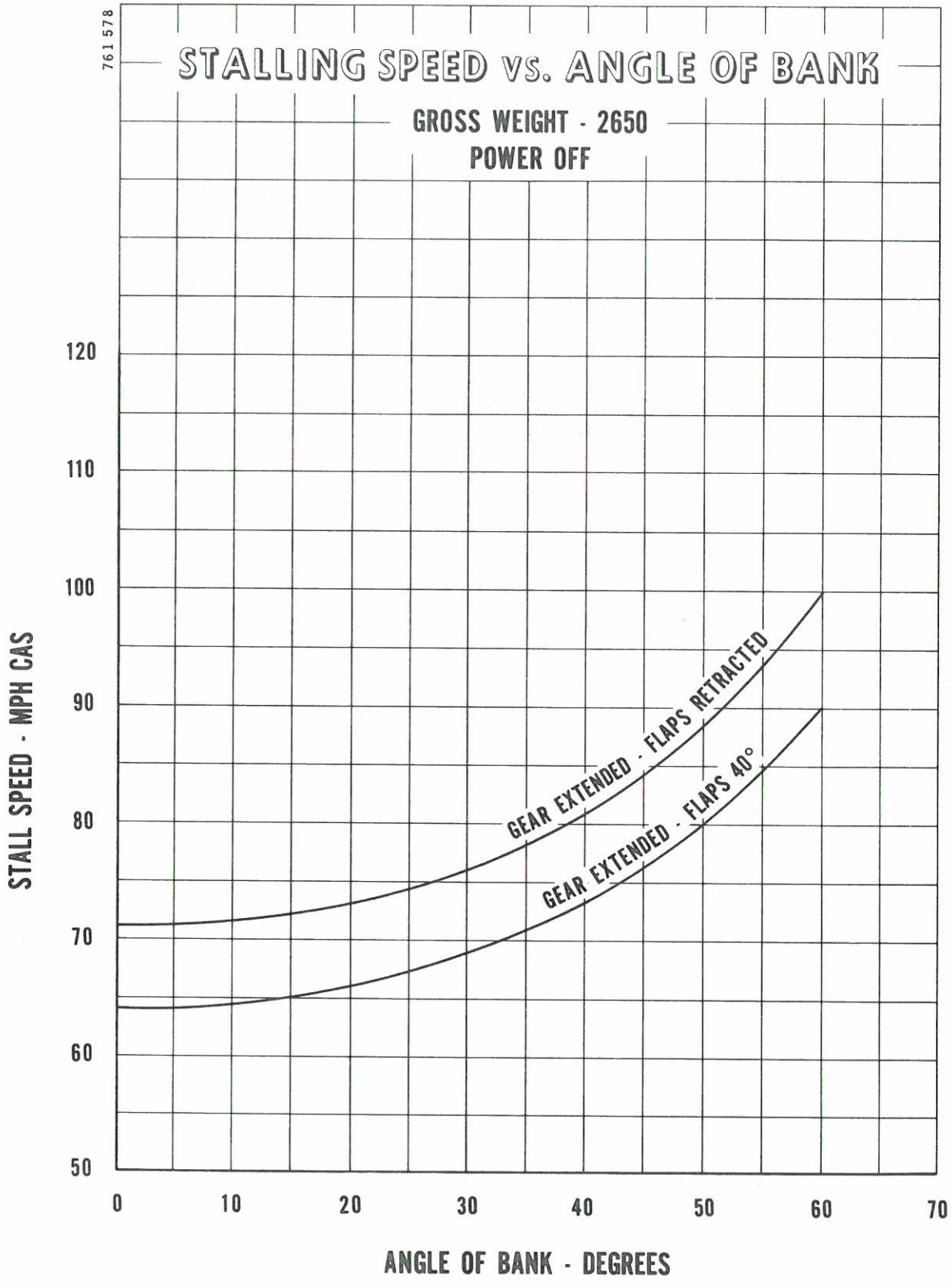
NOTE: SEE SECTION 7 FOR EFFECTS OF AIR CONDITIONING INSTALLATION ON PERFORMANCE.

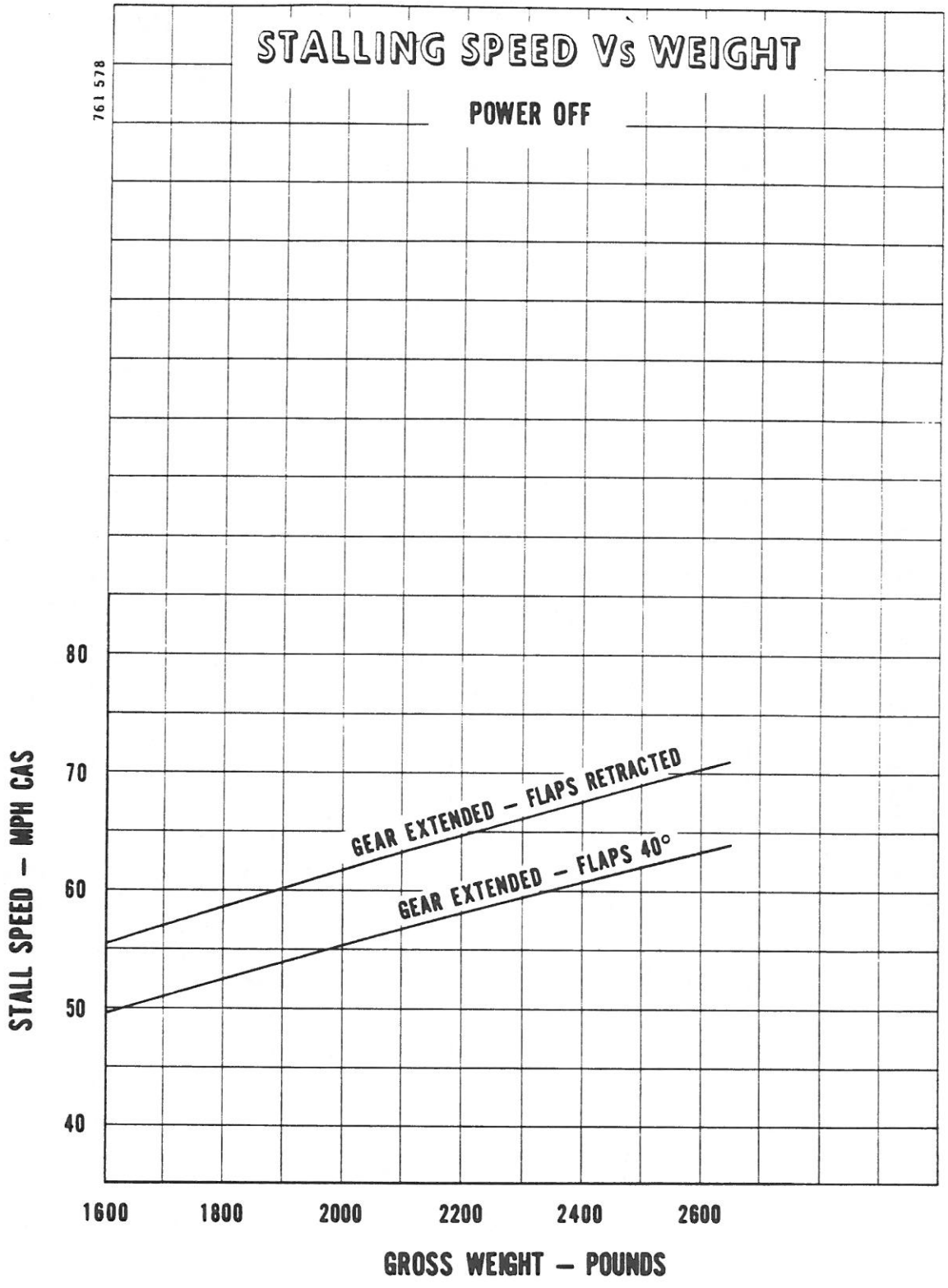


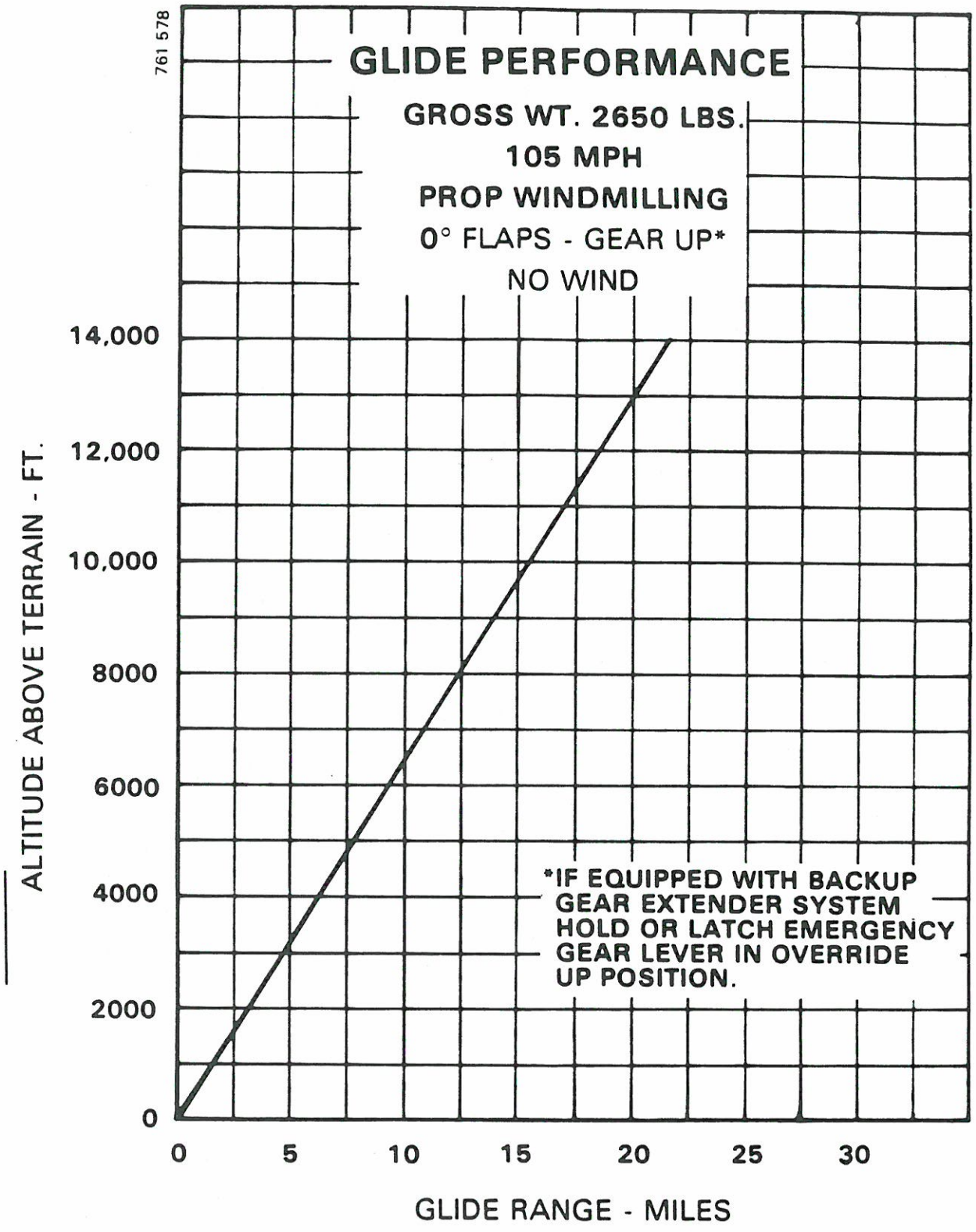
NOTE: SEE SECTION 7 FOR EFFECTS OF AIR CONDITIONING INSTALLATION ON PERFORMANCE.

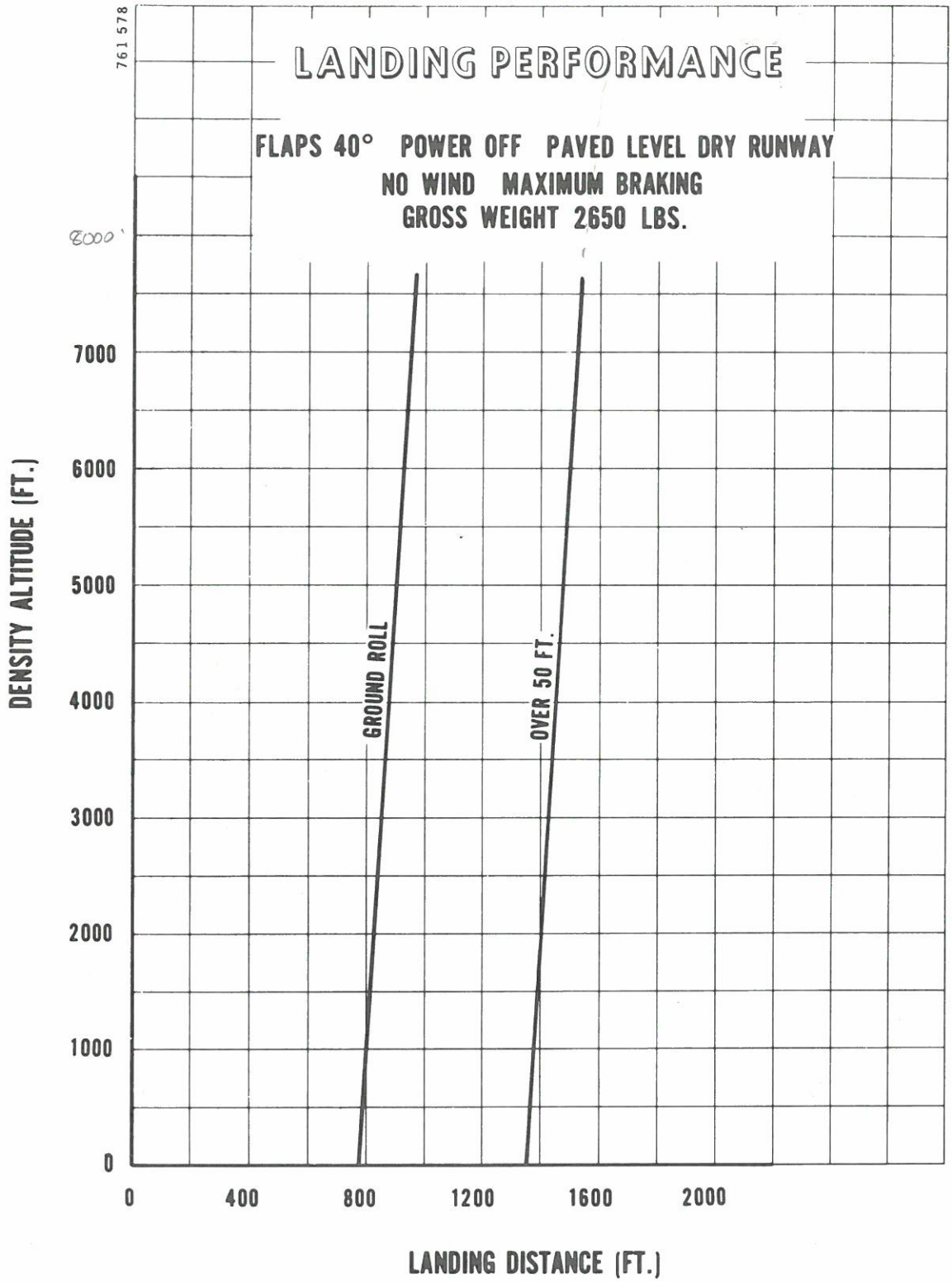


NOTE: SEE SECTION 7 FOR EFFECTS OF AIR CONDITIONING INSTALLATION ON PERFORMANCE.


761 578
STALLING SPEED vs. ANGLE OF BANK
GROSS WEIGHT - 2650
POWER OFF
GEAR EXTENDED - FLAPS RETRACTED
GEAR EXTENDED - FLAPS 40°
STALL SPEED - MPH CAS
120
110
100
90
80
70
60
50
0
10
20
30
40
50
60
70
ANGLE OF BANK - DEGREES


STALLING SPEED Vs WEIGHT
761 578
POWER OFF
GEAR EXTENDED – FLAPS RETRACTED
GEAR EXTENDED – FLAPS 40°
STALL SPEED – MPH CAS
80
70
60
50
40
1600
1800
2000
2200
2400
2600
GROSS WEIGHT – POUNDS


761 578
GLIDE PERFORMANCE
GROSS WT. 2650 LBS.
105 MPH
PROP WINDMILLING
0° FLAPS - GEAR UP*
NO WIND
14,000
12,000
10,000
8000
6000
4000
2000
0
ALTITUDE ABOVE TERRAIN - FT.
0
5
10
15
20
25
30
GLIDE RANGE - MILES
*IF EQUIPPED WITH BACKUP GEAR EXTENDER SYSTEM HOLD OR LATCH EMERGENCY GEAR LEVER IN OVERRIDE UP POSITION.



NOTE: SEE SECTION 7 FOR EFFECTS OF AIR CONDITIONING INSTALLATION ON PERFORMANCE.

Power Setting Table - Lycoming Model IO-360-C Series, 200 HP Engine

Press. Alt Feet	Std. Alt Temp °F	110 HP – 55% Rated RPM AND MAN. PRESS. 2100	2400	130 HP – 65% Rated RPM AND MAN. PRESS. 2100	2400	150 HP – 75% Rated RPM AND MAN. PRESS. 2400	Press. Alt Feet
SL	59	22.9	20.4	25.9	22.9	25.5	SL
1,000	55	22.7	20.2	25.6	22.7	25.2	1,000
2,000	52	22.4	20.0	25.4	22.5	25.0	2,000
3,000	48	22.2	19.8	25.1	22.2	24.7	3,000
4,000	45	21.9	19.5	24.8	22.0	24.4	4,000
5,000	41	21.7	19.3	FT	21.7	FT	5,000
6,000	38	21.4	19.1	--	21.5	--	6,000
7,000	34	21.2	18.9	--	21.3	--	7,000
8,000	31	21.0	18.7	--	21.0		8,000
9,000	27	FT	18.5	--	FT		9,000
10,000	23	--	18.3				10,000
11,000	19	--	18.1				11,000
12,000	16	--	17.8				12,000
13,000	12	--	17.6				13,000
14,000	9	--	FT				14,000

To maintain constant power, correct manifold pressure approximately 0.16" Hg for each 10° F variation in inlet air temperature from standard altitude temperature. Add manifold pressure for air temperatures above standard; subtract for temperatures below standard.