

TIME, FUEL, AND DISTANCE TO DESCEND

Distance show based on zero wind

Wheel Fairing Removed

Propeller Sensenich 74DM5-0-60

ASSOCIATED CONDITIONS

POWER: 2500 RPM

AIRSPEED: 126 KIAS

PRESSURE ALTITUDE FEET	ISA - 15° C			ISA ° C			ISA + 10° C			ISA + 20° C			ISA + 30° C		
	TIME MIN	FUEL GAL	DIST NM	TIME MIN	FUEL GAL	DIST NM	TIME MIN	FUEL GAL	DIST NM	TIME MIN	FUEL GAL	DIST NM	TIME MIN	FUEL GAL	DIST NM
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	8	2	16	5	1	10	3	1	6	2	1	4	1	1	3
2000	21	4	43	8	2	17	5	1	10	3	1	8	3	1	6
3000	26	4	53	10	2	22	6	1	14	5	1	11	4	1	9
4000	29	5	59	12	2	26	8	2	17	6	1	13	5	1	11
5000	31	5	64	14	2	29	9	2	20	7	1	16	6	1	13
6000	33	5	67	15	3	32	10	2	22	8	2	18	7	1	15
7000	34	6	70	16	3	34	11	2	24	9	2	20	7	1	17
8000	35	6	73	17	3	36	12	2	26	9	2	21	8	2	18
9000	36	6	76	18	3	38	13	2	28	10	2	23	9	2	20
10000	37	6	78	19	3	40	13	2	30	11	2	25	9	2	21
11000	38	6	80	19	3	42	14	2	31	11	2	26	10	2	23
12000	39	6	81	20	3	43	15	2	33	12	2	28	10	2	24

Example:

Cruise Pressure Altitude: 5000 ft

Cruise Temperature: 16° C (ISA + 11° C)

Time To Descend: 6.8 min (By interpolation)

Fuel To Descend: 1.9 gal (By interpolation)

Distance To Descend: 19.9 miles (By interpolation)

Destination Airport Pressure Altitude: 2500 ft

Destination Airport Temperature: 24° C (ISA + 14° C)

Time To Descend: 4.9 min (By interpolation)

Fuel To Descend: 1.0 gal

Distance To Descend: 11 miles

Actual Time To Descend From Cruise To Destination Airport (6.8 - 4.9): 3.9 min

Actual Fuel To Descend From Cruise To Destination Airport (1.9 - 1.0): 0.9 gal

Actual Distance To Descend From Cruise To Destination Airport (19.9 - 11): 8.6 NM

FUEL, TIME AND DISTANCE TO DESCEND

Figure 5-31

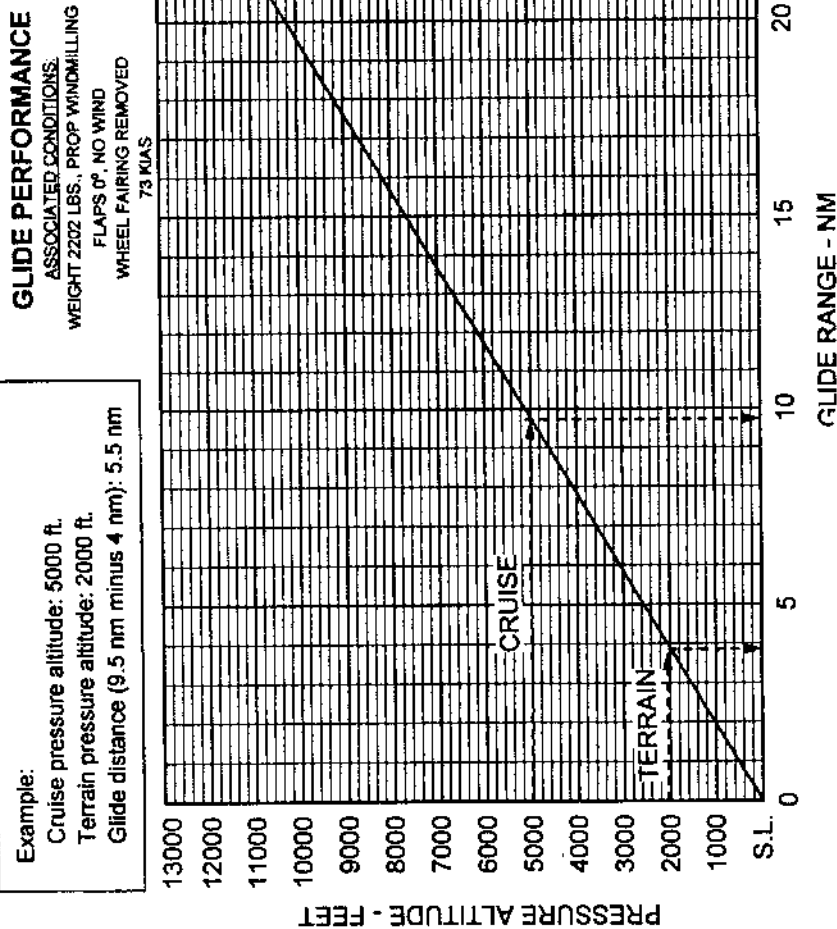
**GLIDE PERFORMANCE**

Figure 5-33

PA-28-161

LANDING DISTANCE

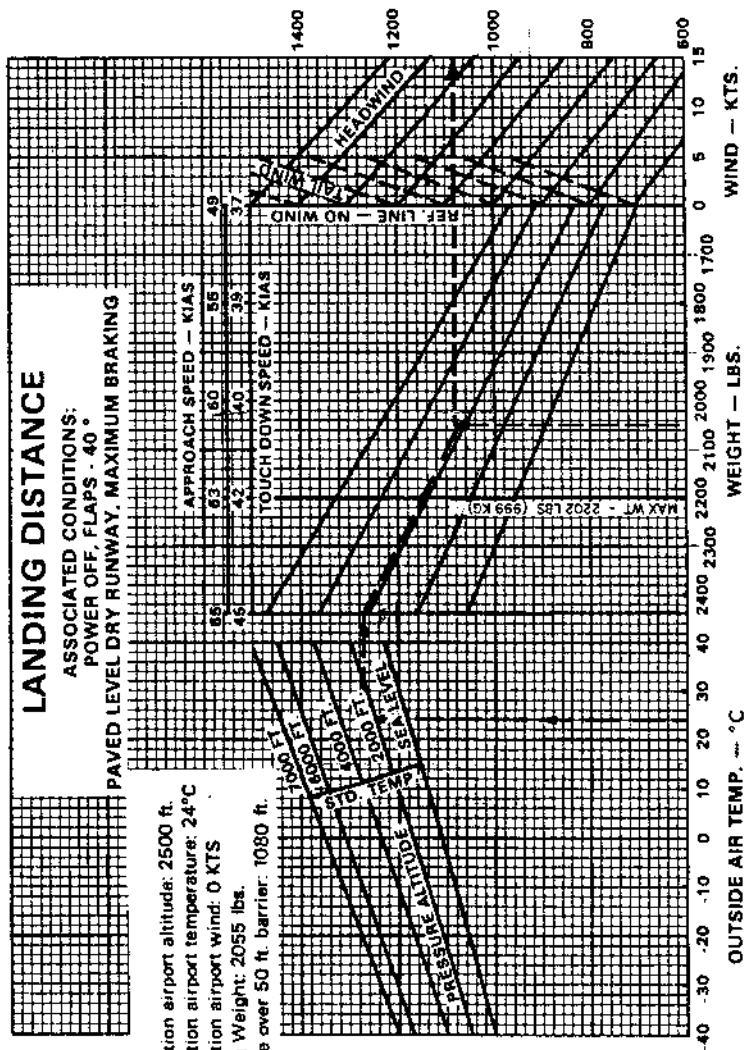
ASSOCIATED CONDITIONS:
POWER OFF, FLAPS - 40°
PAVED LEVEL DRY RUNWAY, MAXIMUM BRAKING

Example:

- Destination airport altitude: 2500 ft.
- Destination airport temperature: 24°C
- Destination airport wind: 0 KTS
- Landing Weight: 2055 lbs.
- Distance over 50 ft. barrier: 1080 ft.

APPROACH SPEED - KIAS	
85	55
63	60
42	40
45	39
	37
	49

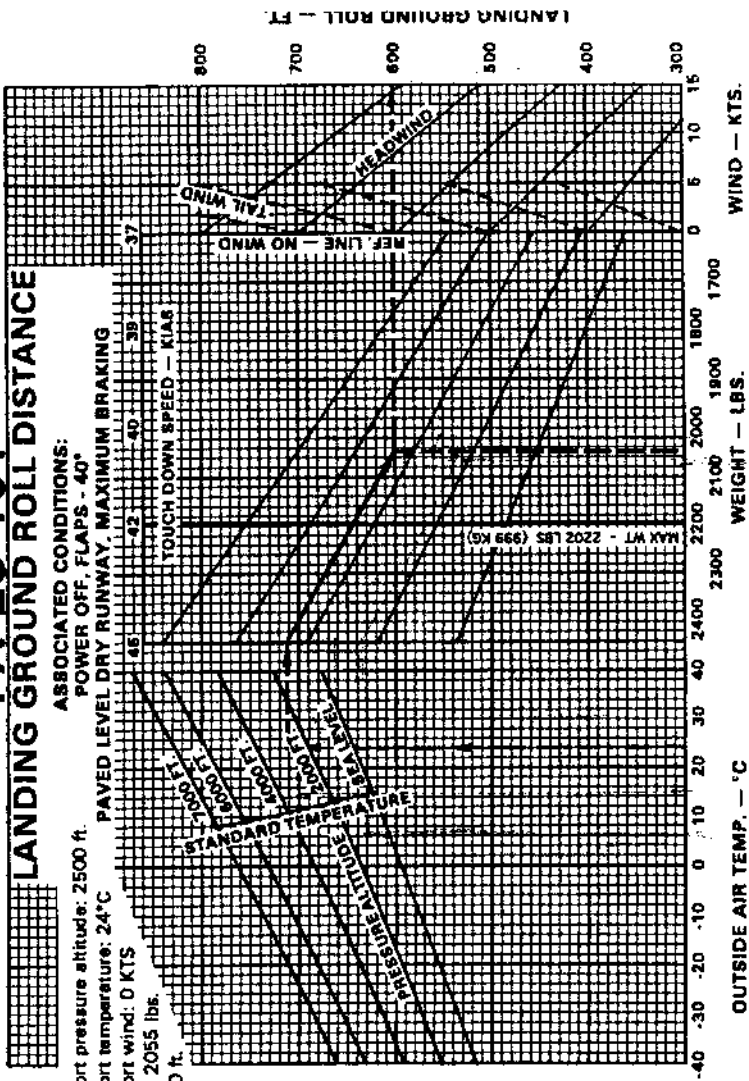
TOUCH DOWN SPEED - KIAS



LANDING DISTANCE

Figure 5-35

PA-28-161 LANDING GROUND ROLL DISTANCE



LANDING GROUND ROLL DISTANCE

Figure 5-37