DISPATCH RELEASE FORM

FILL IN THE BLANKS AND CHECK THE BOXES THAT APPLY TO YOUR FLIGHT.
BOTH SIDES MUST BE COMPLETED PRIOR TO DISPATCH RELEASE.

WARRIOR

DATE AND TIME: **TAIL #:**

DEPARTURE TIME: **RETURN TIME:**

STUDENT NAME:

INSTRUCTOR NAME:

PASSENGER NAME(S):

PATTERN ☐ **APPROACHES** ☐ **CROSS COUNTRY** ☐

DUAL ☐ **SOLO** ☐ **LOCAL** ☐ **CROSS COUNTRY** ☐

PRAC AREA OR ROUTE:

WEATHER BRIEFING **VMC** ☐ **IMC** ☐

91.103: CHECK BOXES OF COMPLETED ITEMS

INFO: TIME: WIND: /

☐ NOTAMS ☐ PILOT DOCS

VIS: CEILING: TEMP/DP: /

☐ WT & BAL ☐ TO/LDG DATA

ALT: RETURN WEATHER VERIFIED: YES ☐

☐ ARROW ☐ FUEL REQUIRED

FLT PLN REQUIRED:
YES ☐ NO ☐

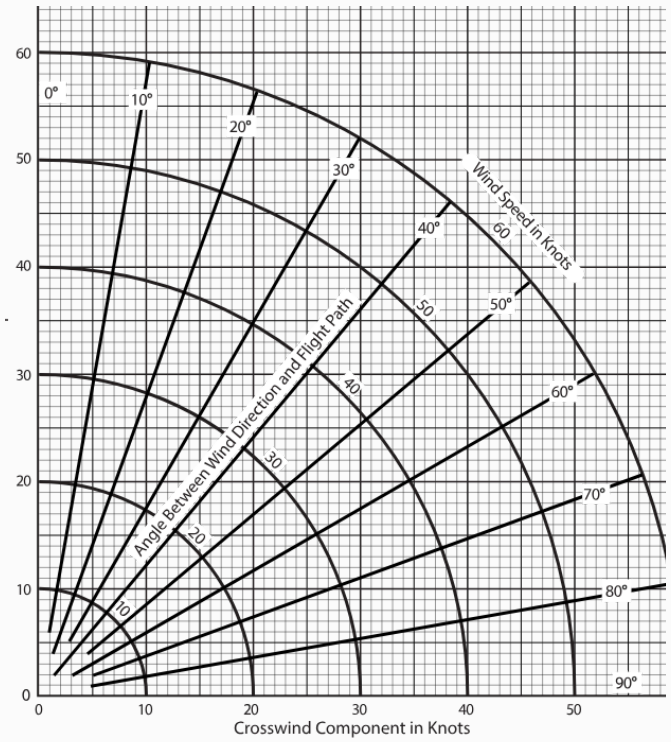
ALTERNATE REQUIRED:
YES ☐ NO ☐

☐ A AVIATES 91.409 ☐ 50HR / 100HR
TIME LEFT ____/____

INSTRUCTOR SIGNATURE: _____ **VERIFY ACCT:** ☐

THIS SIDE MUST BE COMPLETED PRIOR INSTRUCTOR SIGNATURE AND DISPATCH RELEASE.

*RUNWAY #:	*LENGTH:
*PRESS ALT:	*DENS ALT:
*HEAD/TAIL COMP:	
*CROSSWIND COMP:	
*T.O. WEIGHT:	*LDG WEIGHT:
*T.O. ROLL:	50FT OBST:
*LDG ROLL:	50FT OBST:



TAKEOFF AND LANDING DATA

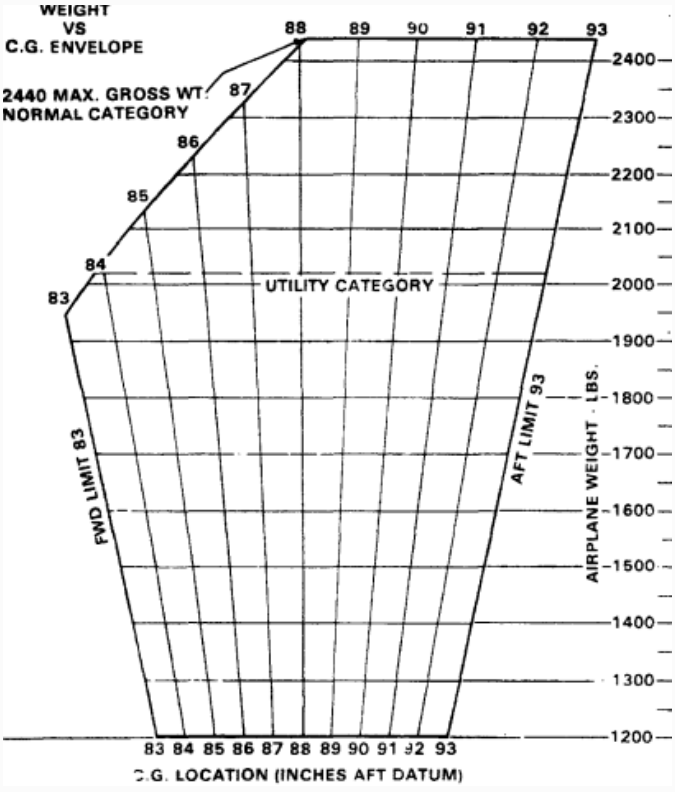
*** = REQURED.**

USE THE POH PERFORMANCE CHARTS TO COMPUTE TAKEOFF AND LANDING DATA.

DRY ERASE PERFORMANCE CHARTS AND MARKERS ARE LOCATED ON THE PREFLIGHT DOCUMENT TABLE IN DISPATCH.

***MANEUVERING SPEED:**——— KTS

VA = √(CURRENT TAKEOFF WEIGHT / MAX GROSS TAKEOFF WEIGHT) × PUBLISHED VA AT MAX GROSS



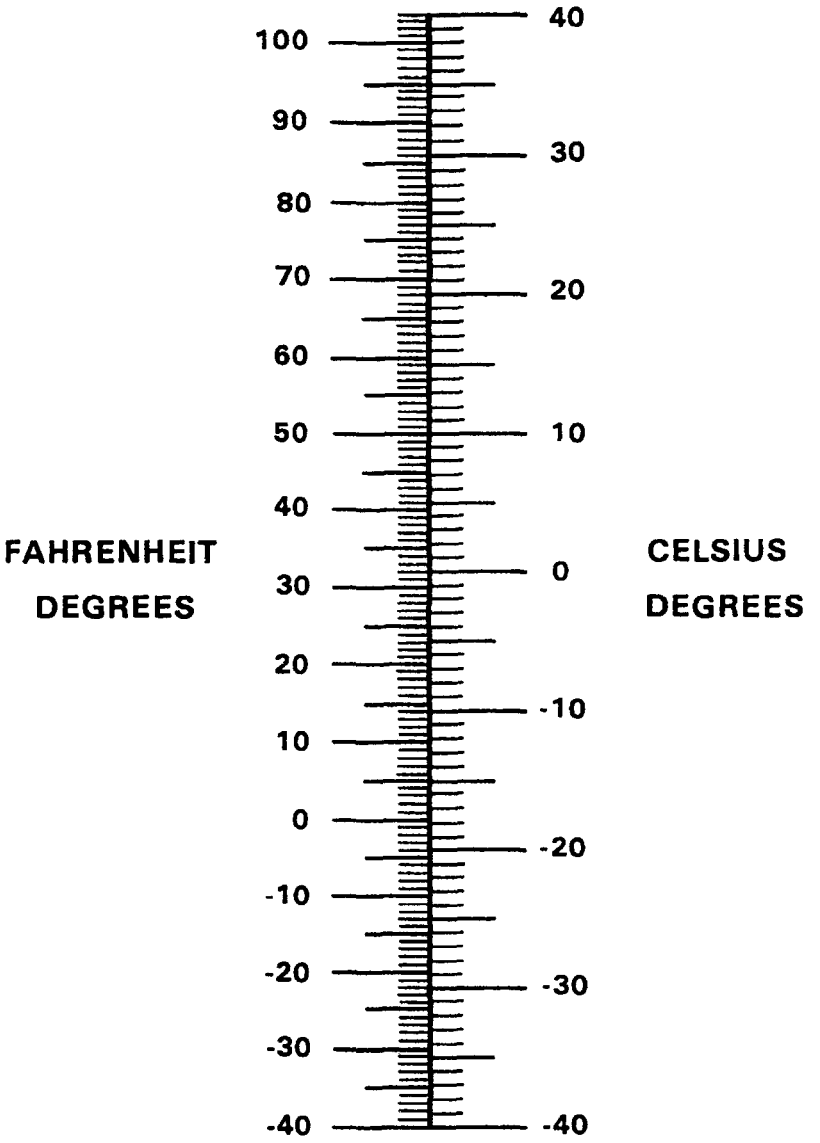
	WEIGHT	ARM	MOMENT
BASIC EMPTY WEIGHT			
PILOT AND FRONT PASSENGER			
BACK SEAT PASSENGERS			
BAGGAGE AREA			
ZERO FUEL WEIGHT			
FUEL (6LBS)			
RAMP WEIGHT			
TAXI FUEL BURN			
TAKEOFF WEIGHT			
FUEL BURN IN FLIGHT (LBS)			
LANDING WEIGHT			

WEIGHT & BALANCE

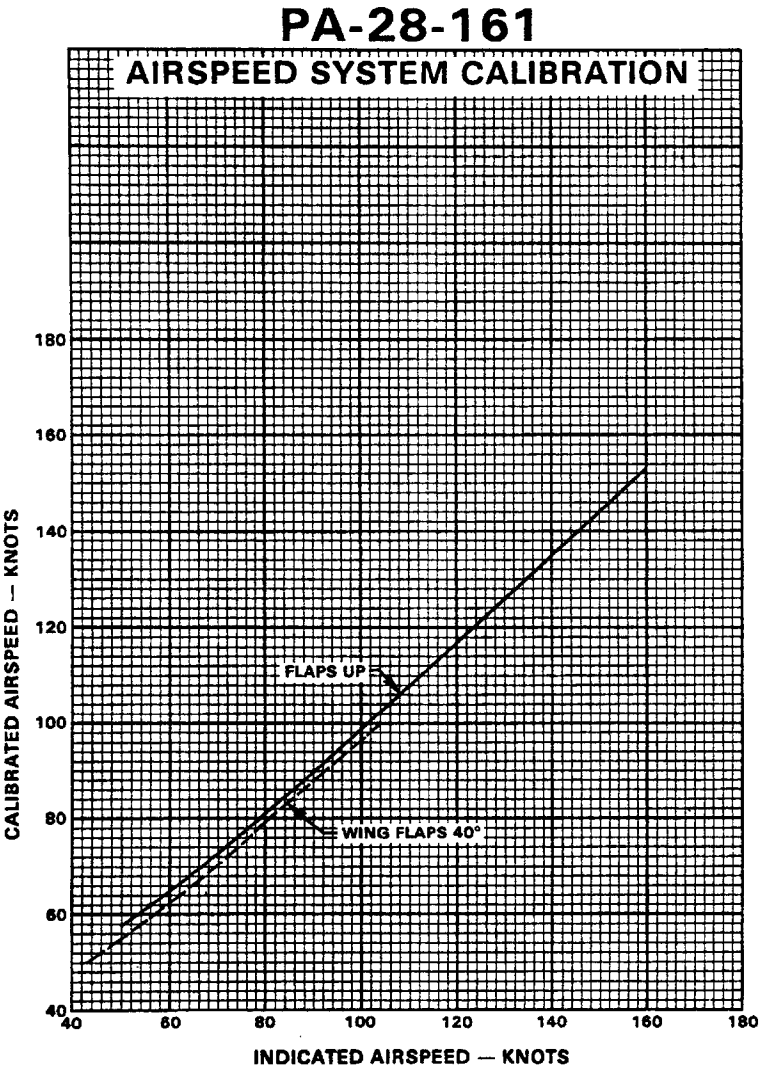
THE BASIC EMPTY WEIGHT AND ARMS ARE DIFFERENT FOR EACH PLANE. ARMS AND WEIGHTS ARE LOCATED IN THE POH OR FSP IN THE AIRCRAFT PROFILE PICTURE.

DETERMINE MOMENT BY MULTIPLYING WEIGHT X ARM. DETERMINE ARM BY DIVIDING MOMENT BY WEIGHT.

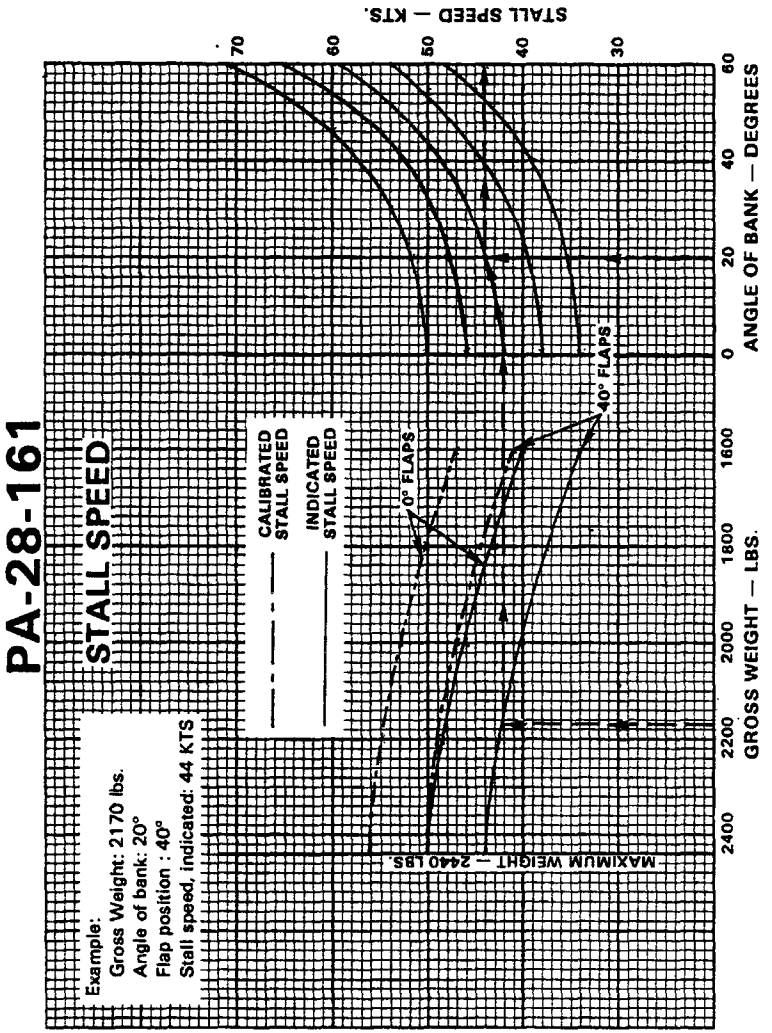
PLEASE MARK TAKEOFF WEIGHT AND LANDING FUEL WEIGHT ON THE CG GRAPH BELOW TO ENSURE THAT YOU WILL BE WITHIN CG LIMITS THE ENTIRE FLIGHT.



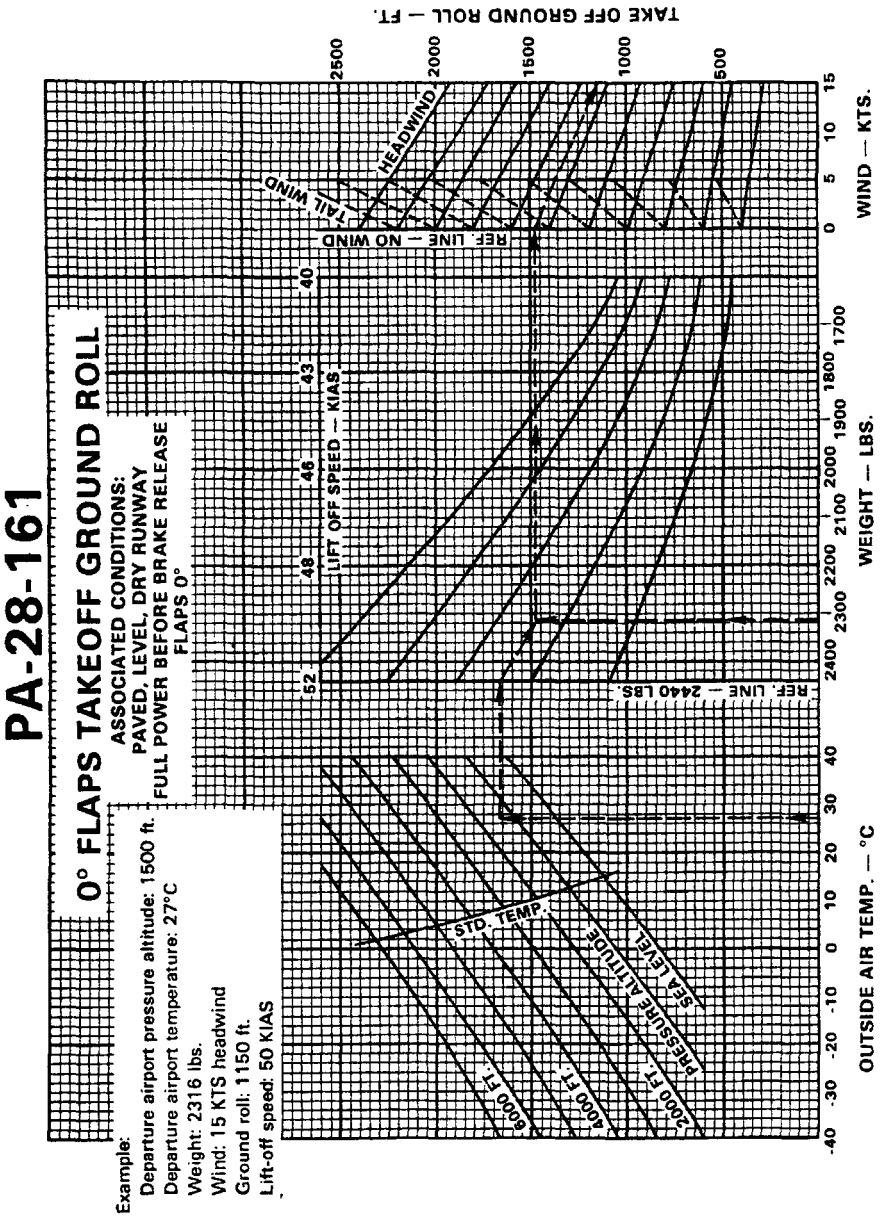
TEMPERATURE CONVERSION
Figure 5-1



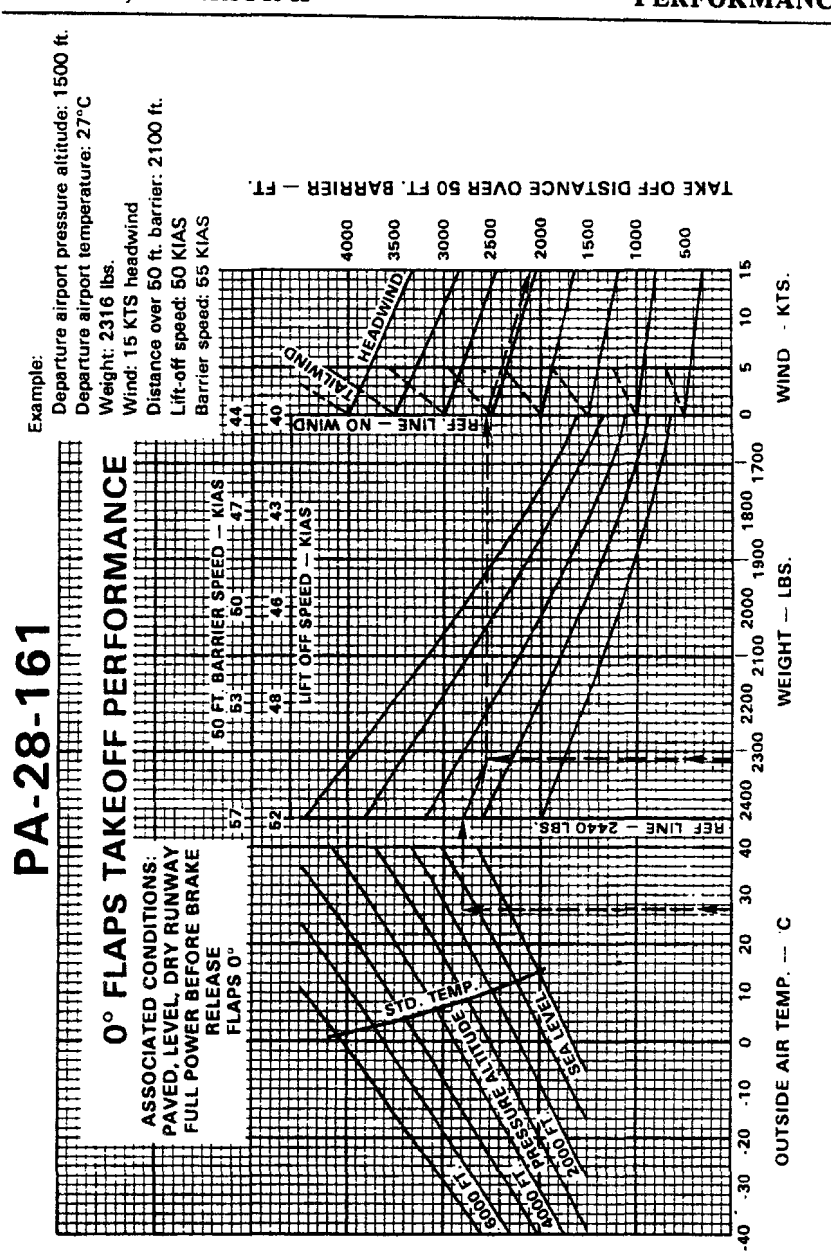
AIRSPEED SYSTEM CALIBRATION
Figure 5-3



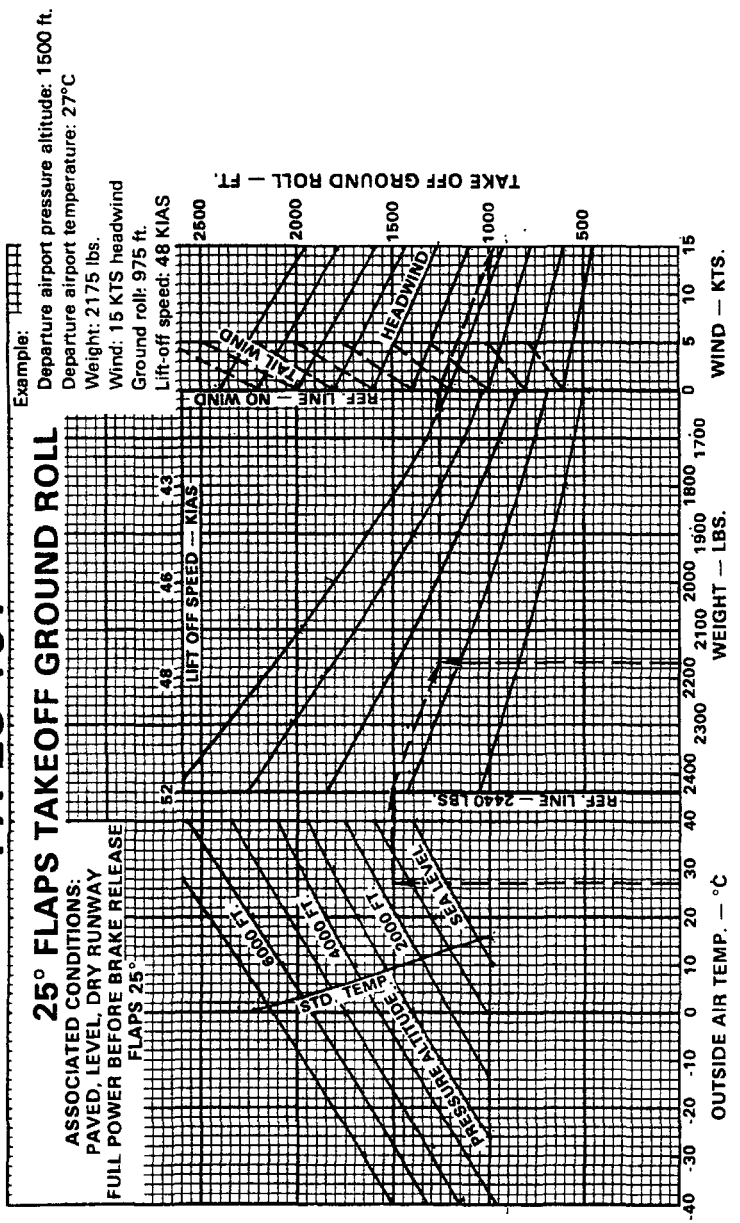
STALL SPEED
Figure 5-5



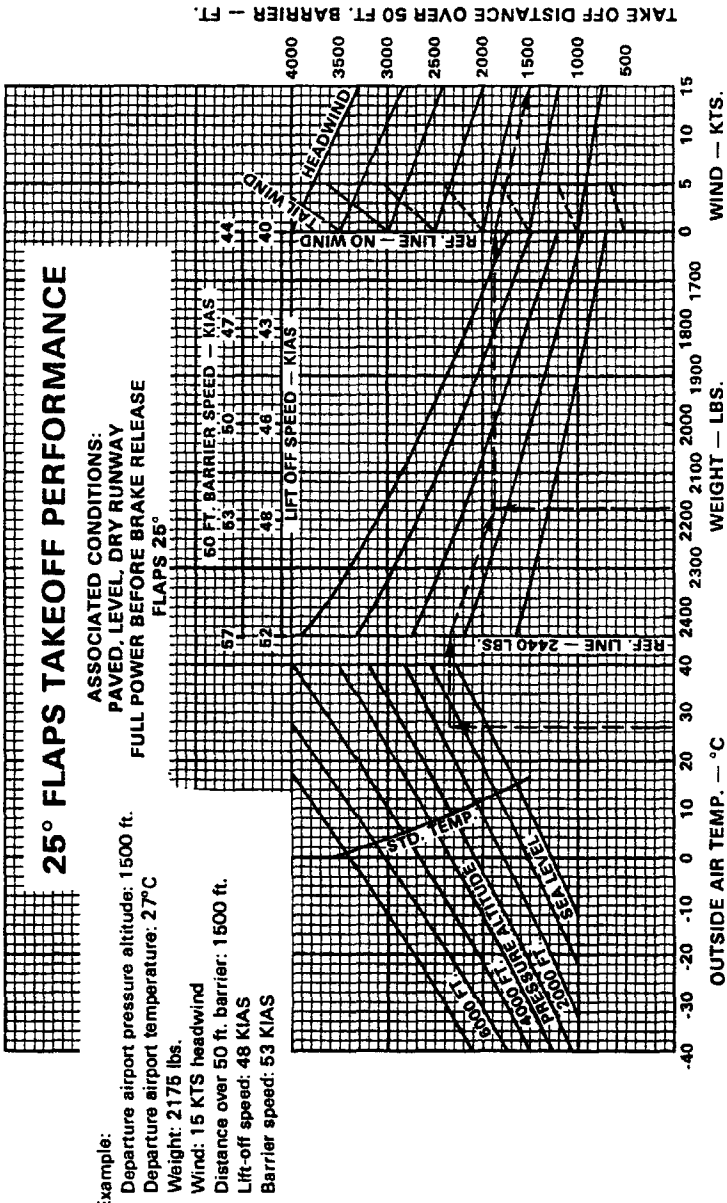
0° FLAPS TAKEOFF GROUND ROLL
Figure 5-7



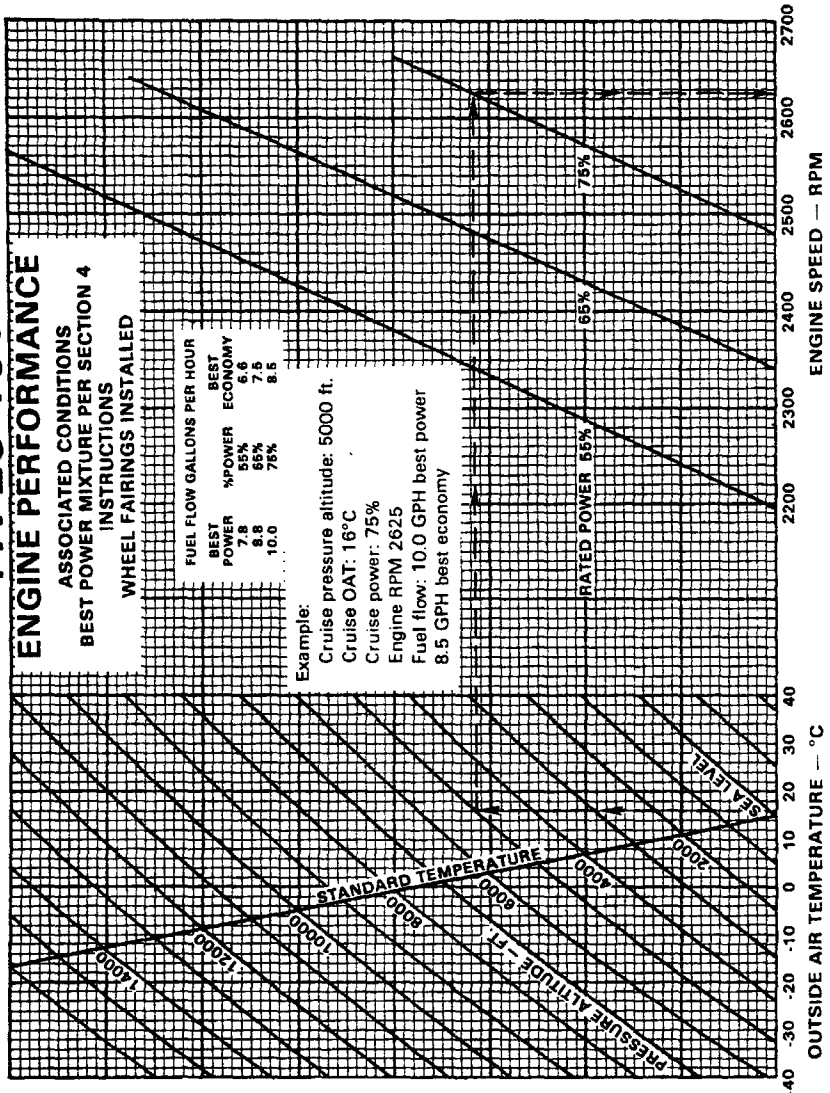
0° FLAPS TAKEOFF PERFORMANCE
Figure 5-9



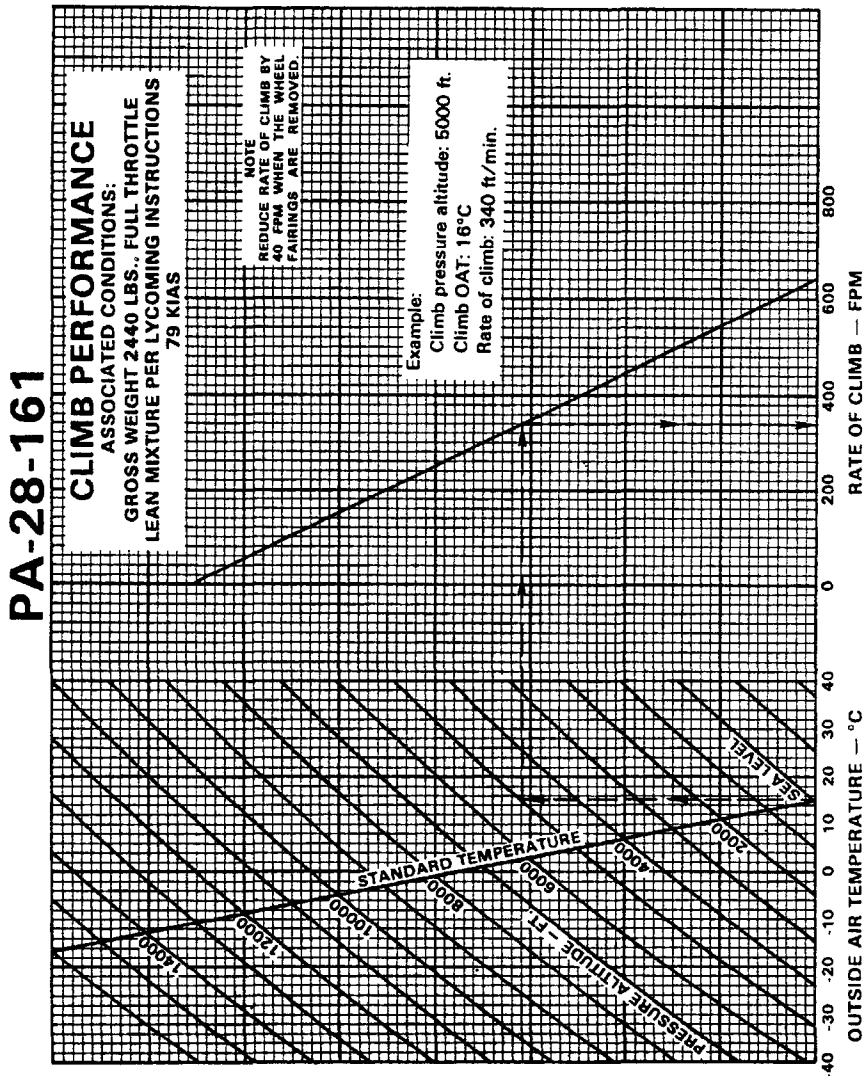
25° FLAPS TAKEOFF GROUND ROLL
Figure 5-11



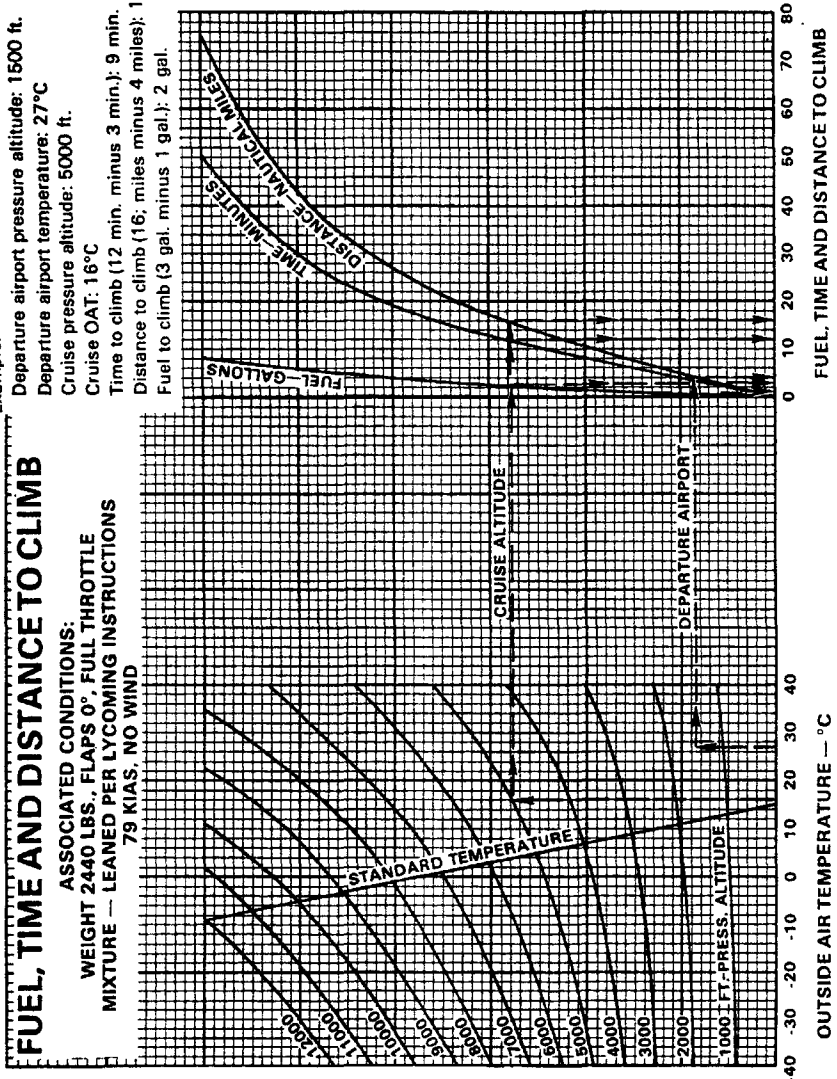
25° FLAPS TAKEOFF PERFORMANCE
Figure 5-13



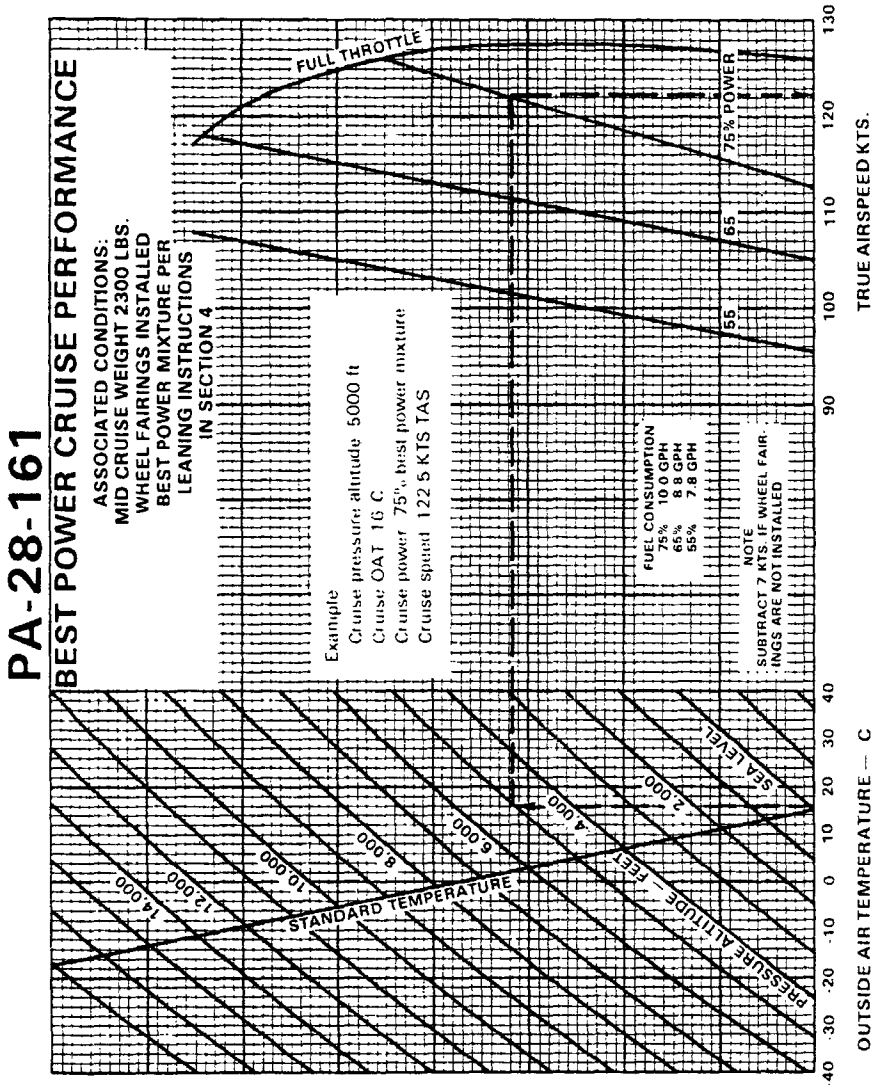
ENGINE PERFORMANCE
Figure 5-15



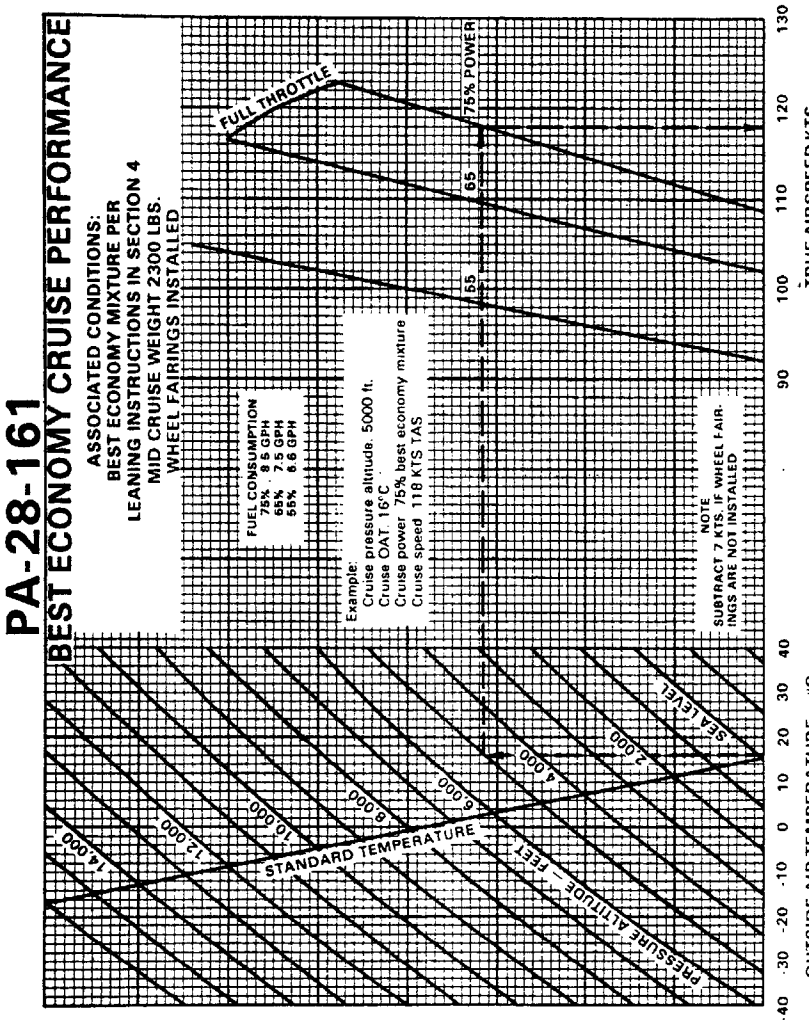
CLIMB PERFORMANCE
Figure 5-17



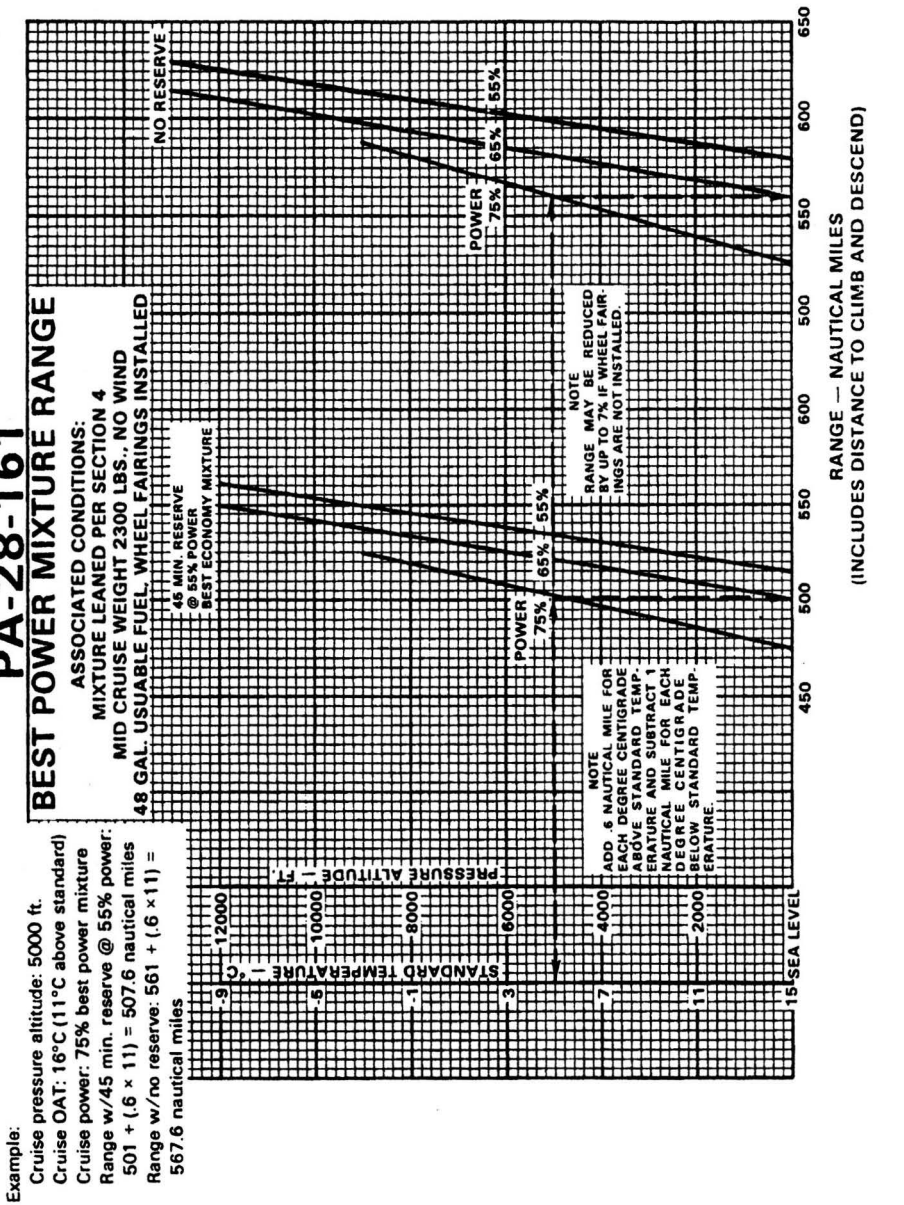
FUEL, TIME AND DISTANCE TO CLIMB
Figure 5-19



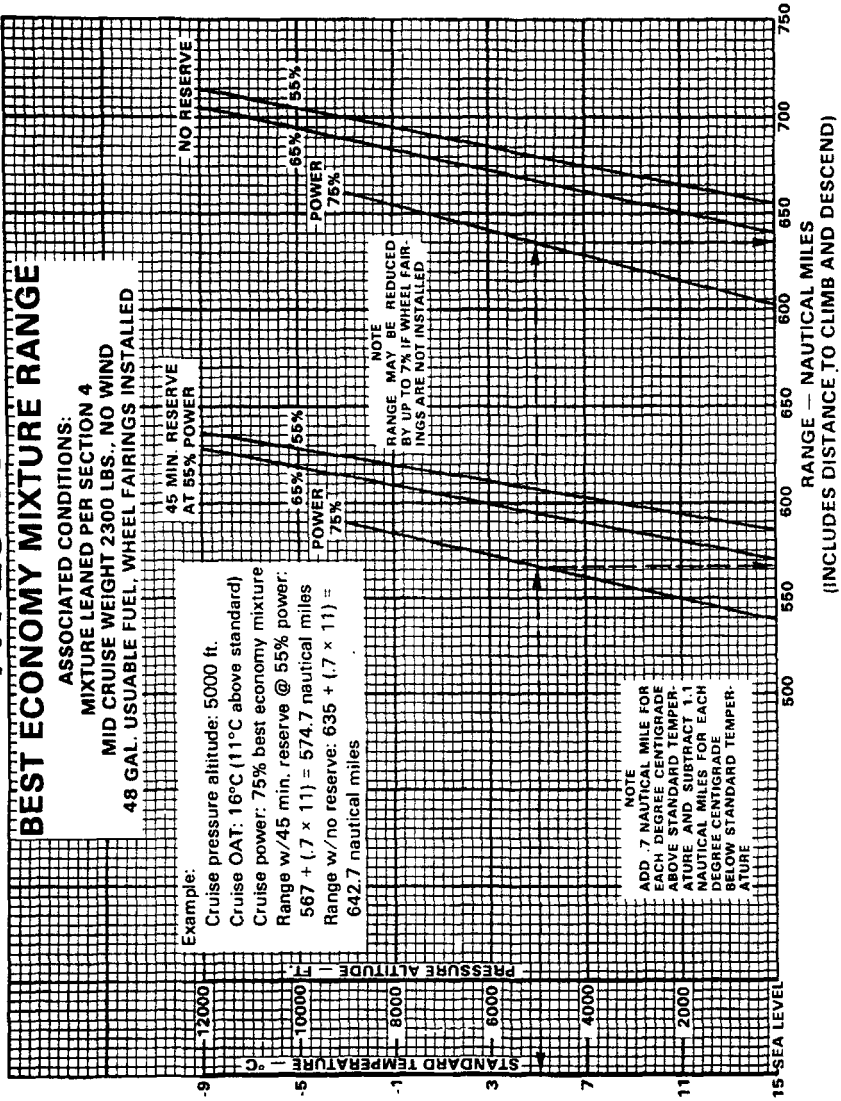
BEST POWER CRUISE PERFORMANCE
Figure 5-21



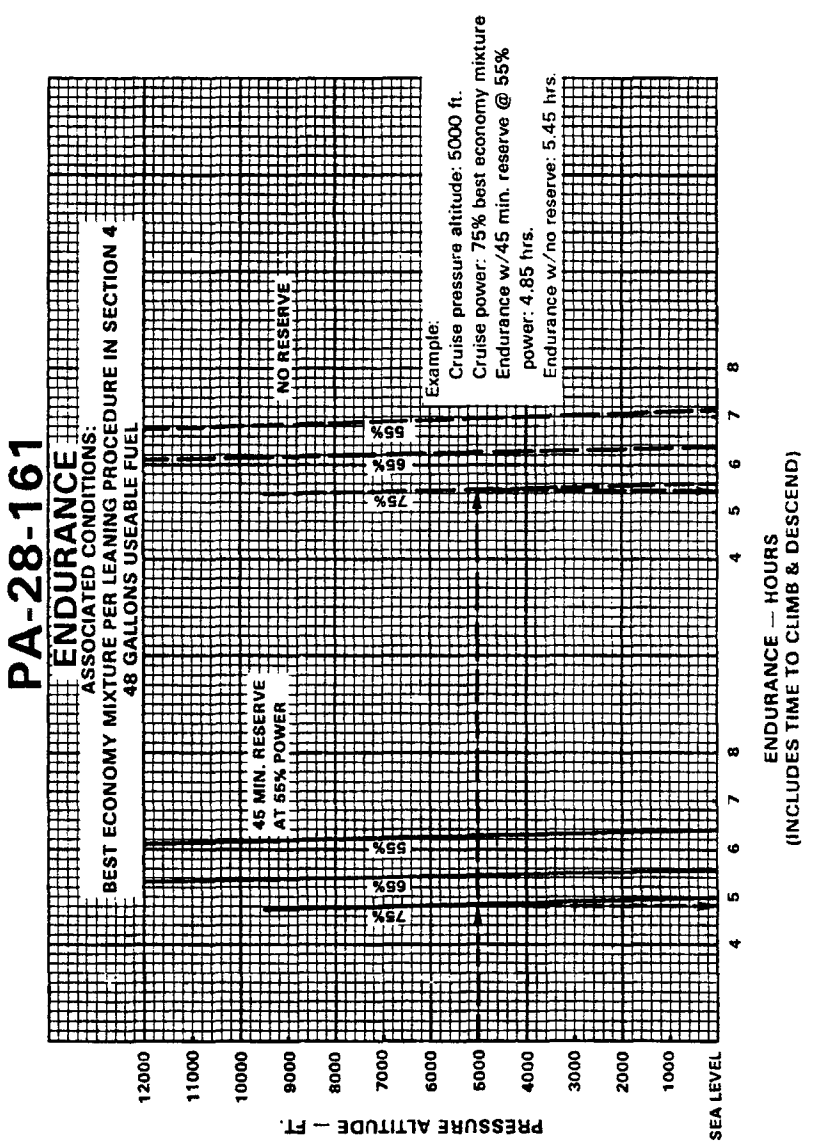
BEST ECONOMY CRUISE PERFORMANCE
Figure 5-23



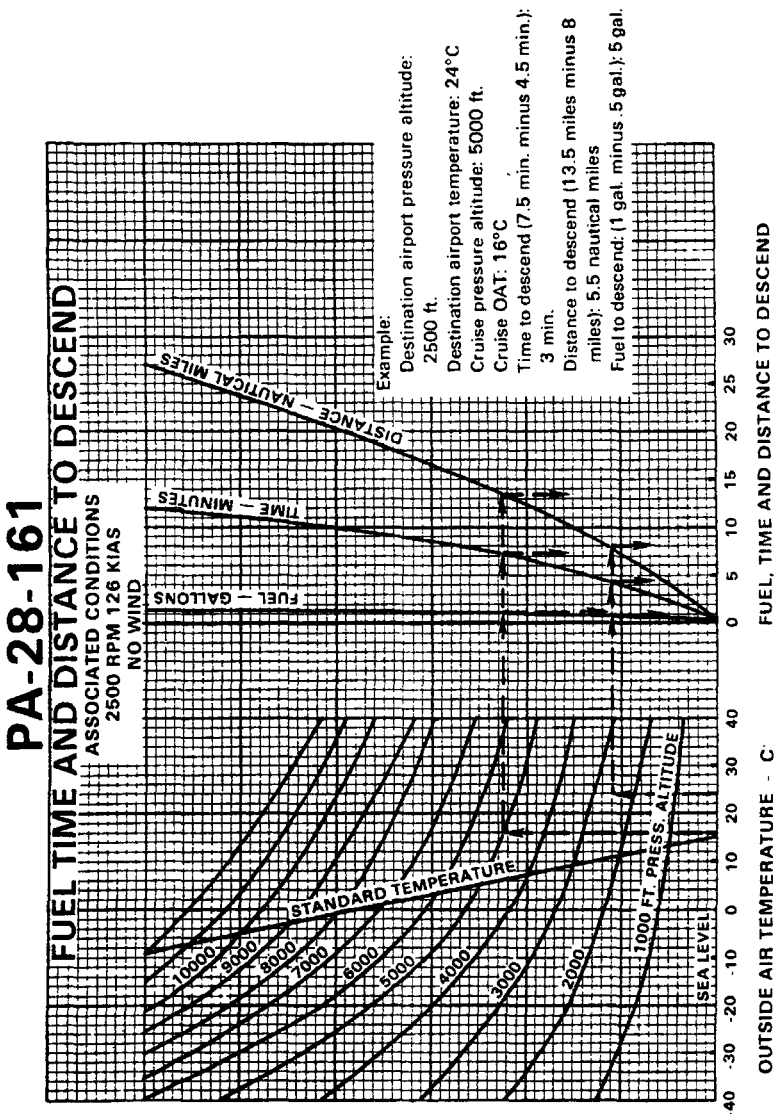
BEST POWER MIXTURE RANGE
Figure 5-25



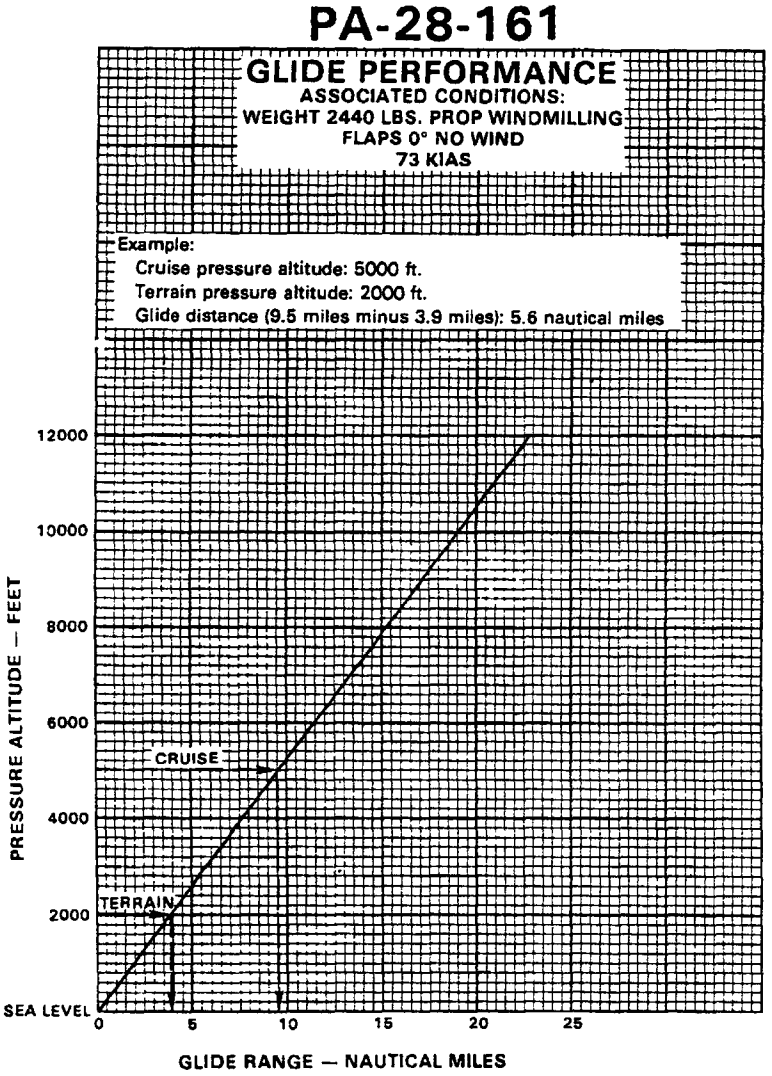
BEST ECONOMY MIXTURE RANGE
Figure 5-27



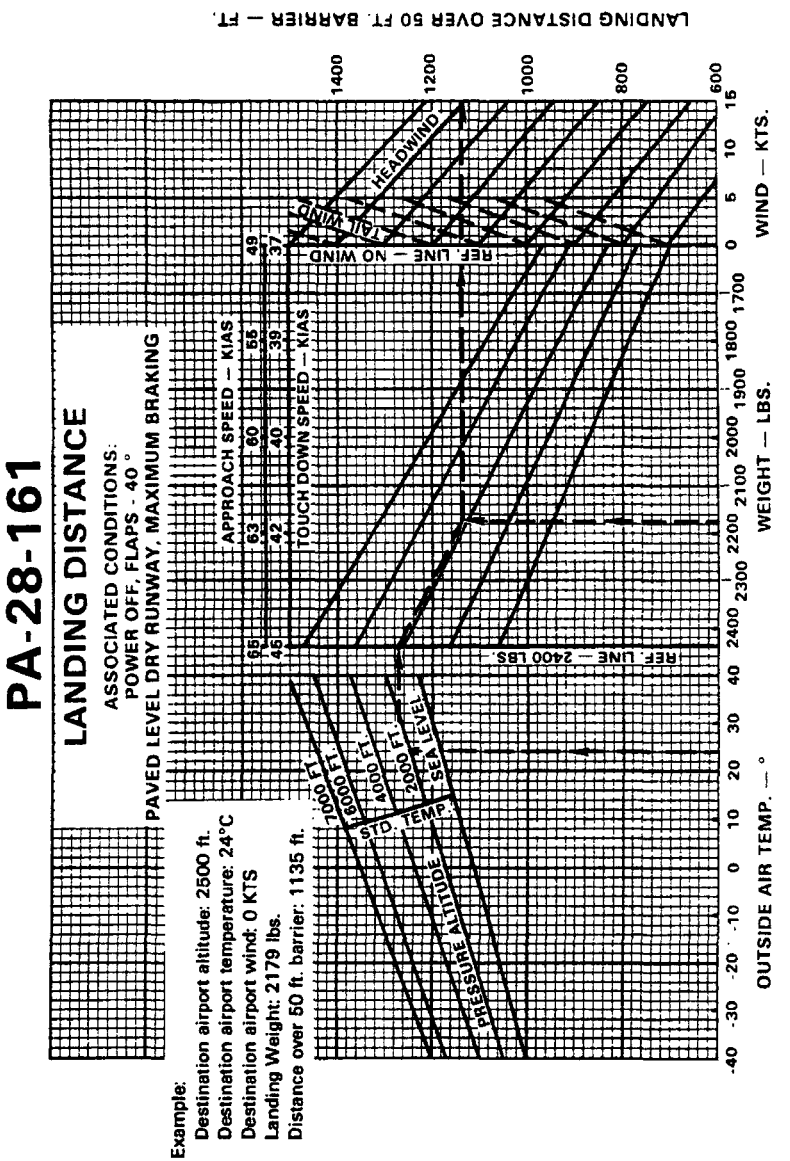
ENDURANCE
Figure 5-29



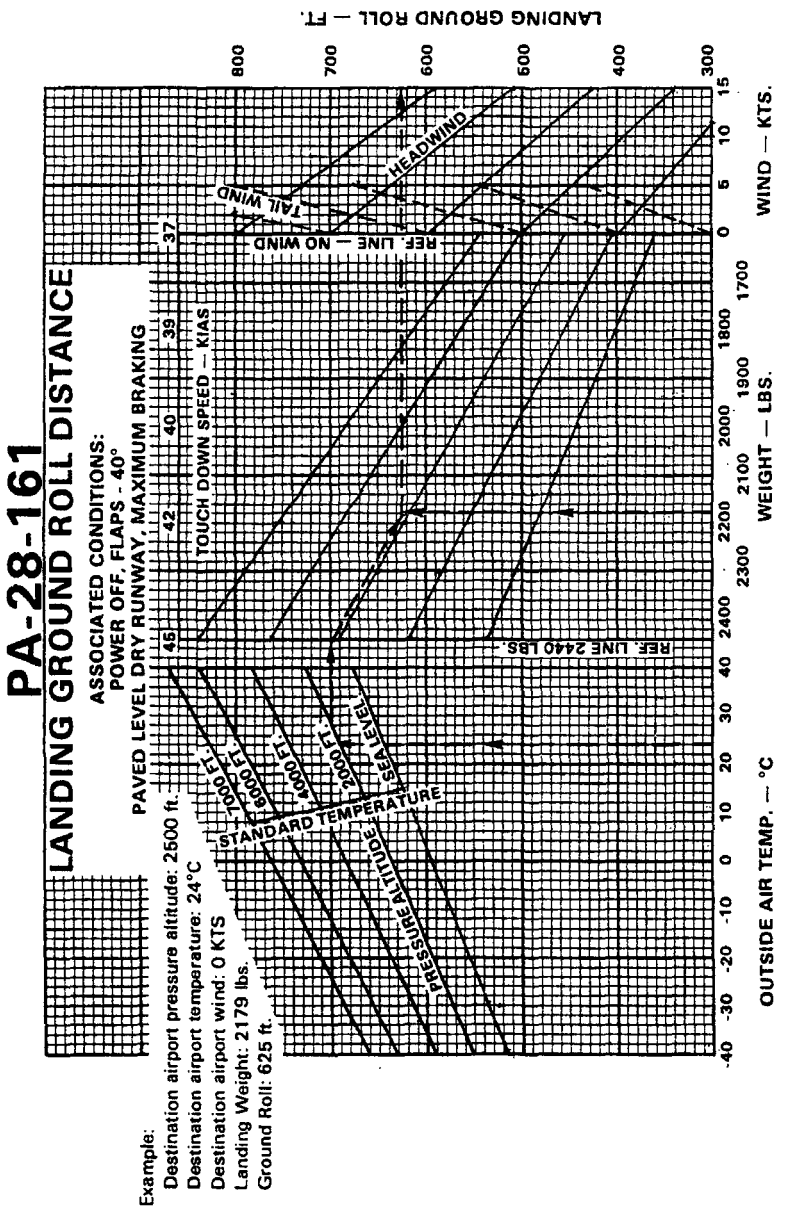
FUEL, TIME AND DISTANCE TO DESCEND
Figure 5-31



GLIDE PERFORMANCE
Figure 5-33



LANDING DISTANCE
Figure 5-35



LANDING GROUND ROLL DISTANCE
Figure 5-37