

3.0 AIRPLANE PERFORMANCE

3.1 Payload/Range for Long Range Cruise

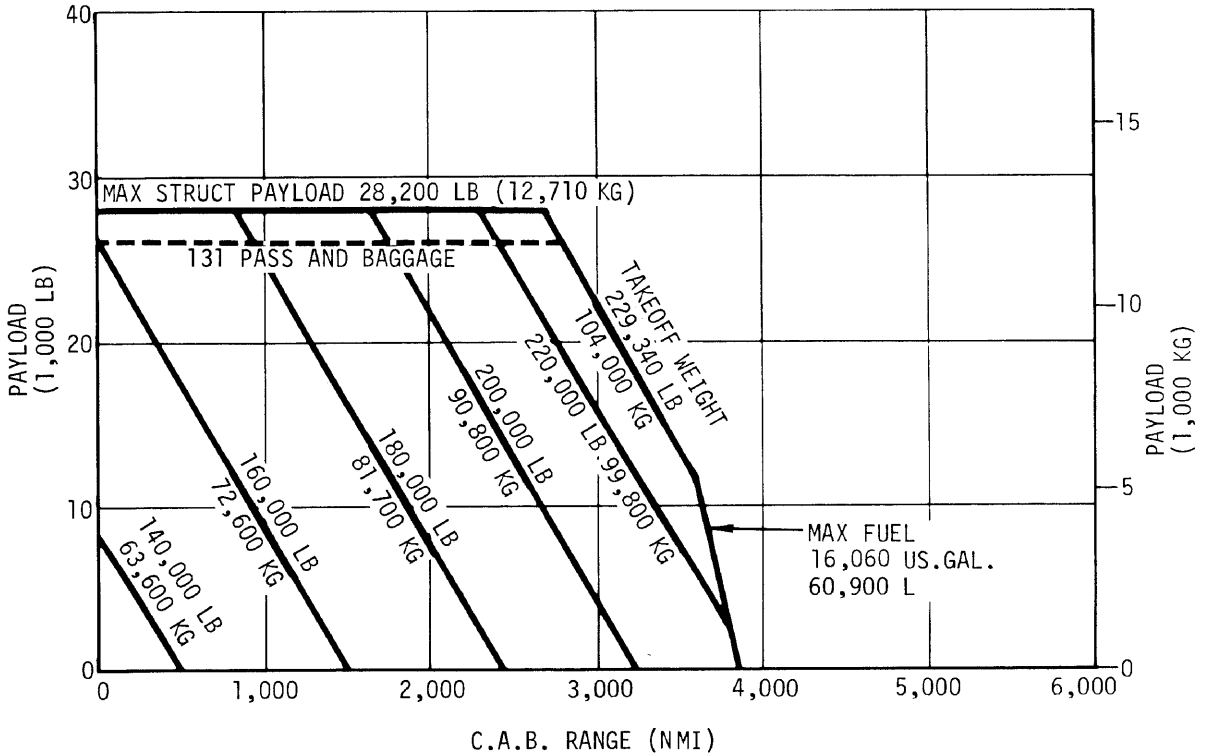
3.2 C.A.R. Takeoff Runway Length Requirements

3.3 C.A.R. Landing Runway Length Requirements

NOTES:

OEW - 110,800 LB (50,300 KG) OEW SHOWN IS AN AVERAGE AIRLINE VALUE.
 IF SPECIFIC FIGURES ARE REQUIRED, CONSULT USING AIRLINE.

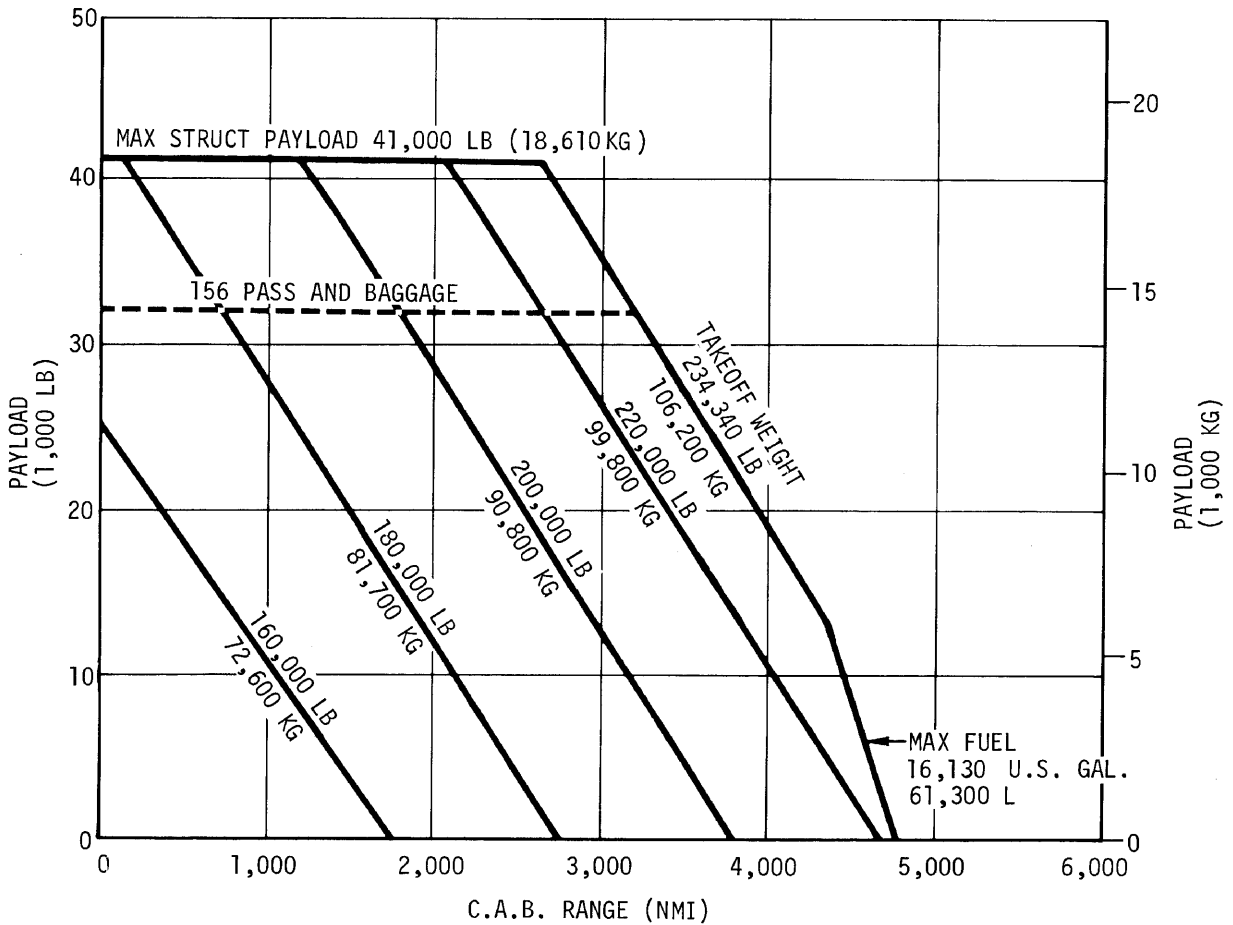
- ENGINES JT3C-7
- STANDARD DAY---ZERO WIND
- ATA DOMESTIC FUEL RESERVES - 200 NAUTICAL MILE ALTERNATE



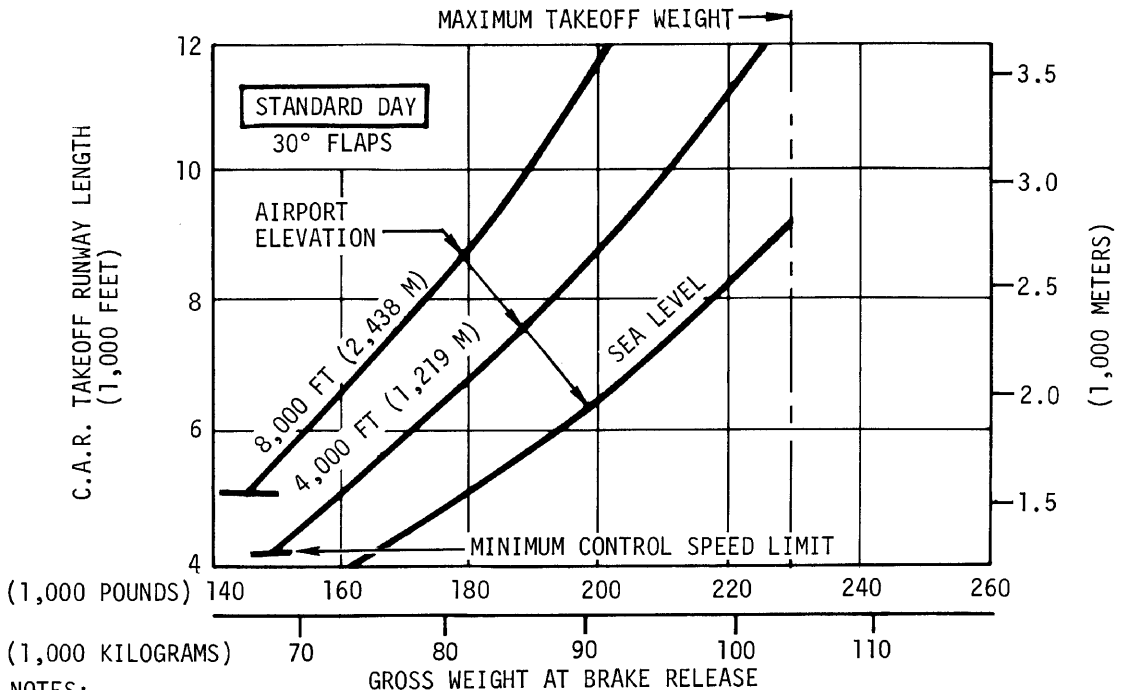
**3.1 PAYLOAD/RANGE FOR LONG RANGE STEP CLIMB CRUISE
 MODEL 720**

NOTES:

- OEW - 115,000 LB (52,200 KG). OEW SHOWN IS AN AVERAGE AIRLINE VALUE IF SPECIFIC FIGURES ARE REQUIRED, CONSULT USING AIRLINE.
- ENGINES JT3D-1
- STANDARD DAY---ZERO WIND
- ATA DOMESTIC FUEL RESERVES - 200 NAUTICAL MILE ALTERNATE

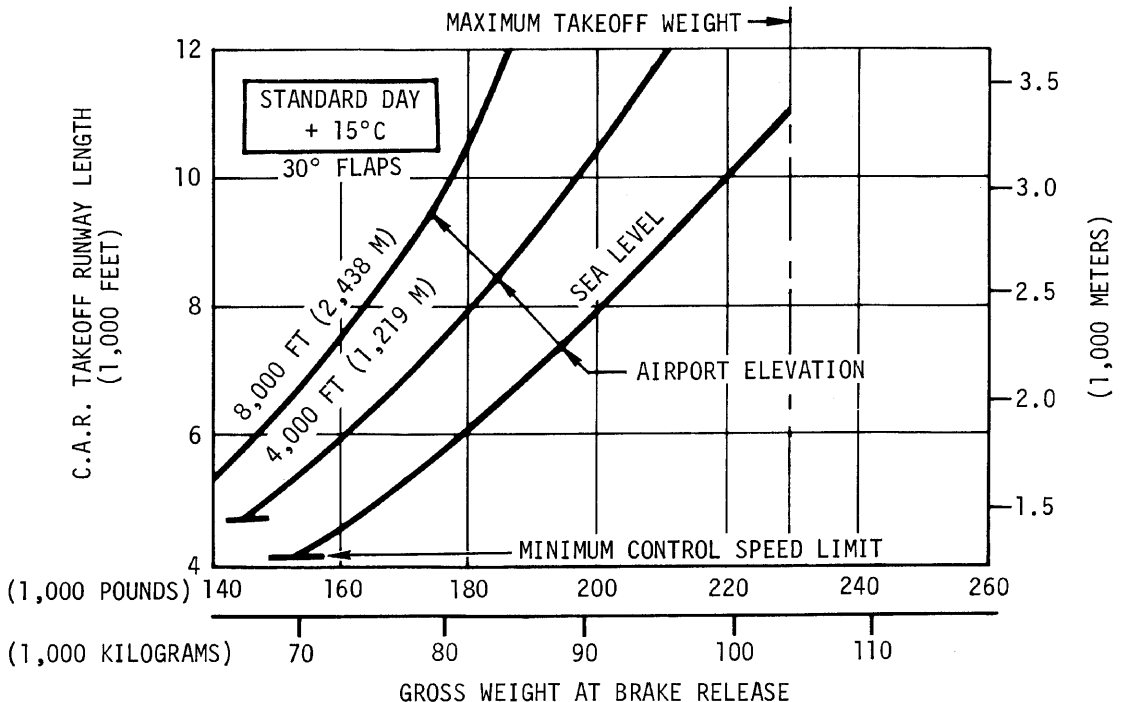


PAYLOAD/RANGE FOR LONG RANGE STEP CLIMB CRUISE
MODEL 720B

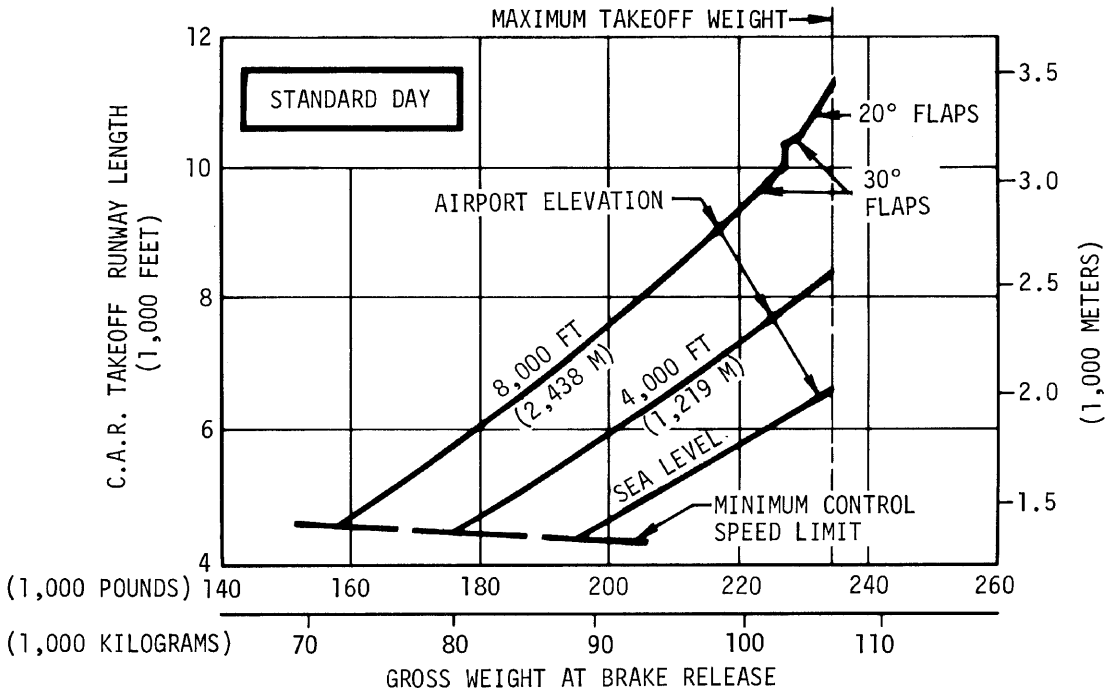


NOTES:

- JT3C-7 ENGINE (DRY) TWO TURBO COMPRESSORS
- TAKEOFF NET THRUST = 12,000 POUNDS (5,448 KILOGRAMS) SEA LEVEL, STATIC RATING
- ZERO RUNWAY GRADIENT
- CONSULT USING AIRLINE FOR SPECIFIC OPERATING PROCEDURE PRIOR TO FACILITY DESIGN

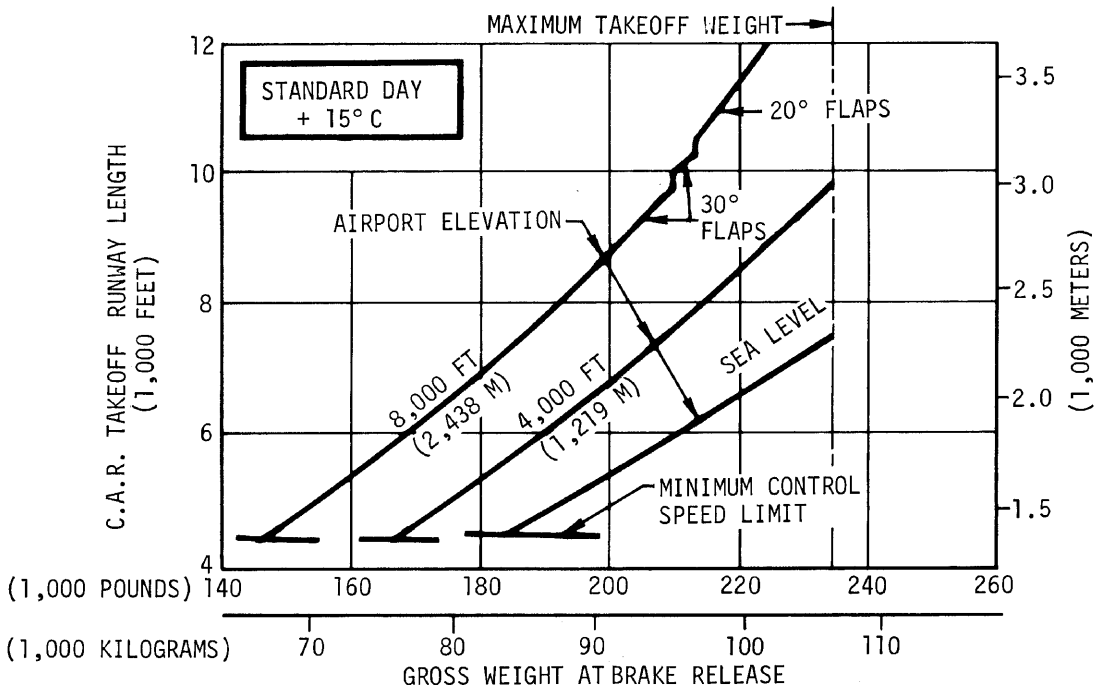


3.2 C.A.R. TAKEOFF RUNWAY LENGTH REQUIREMENTS
MODEL 720 (JT3C-7 ENGINE)

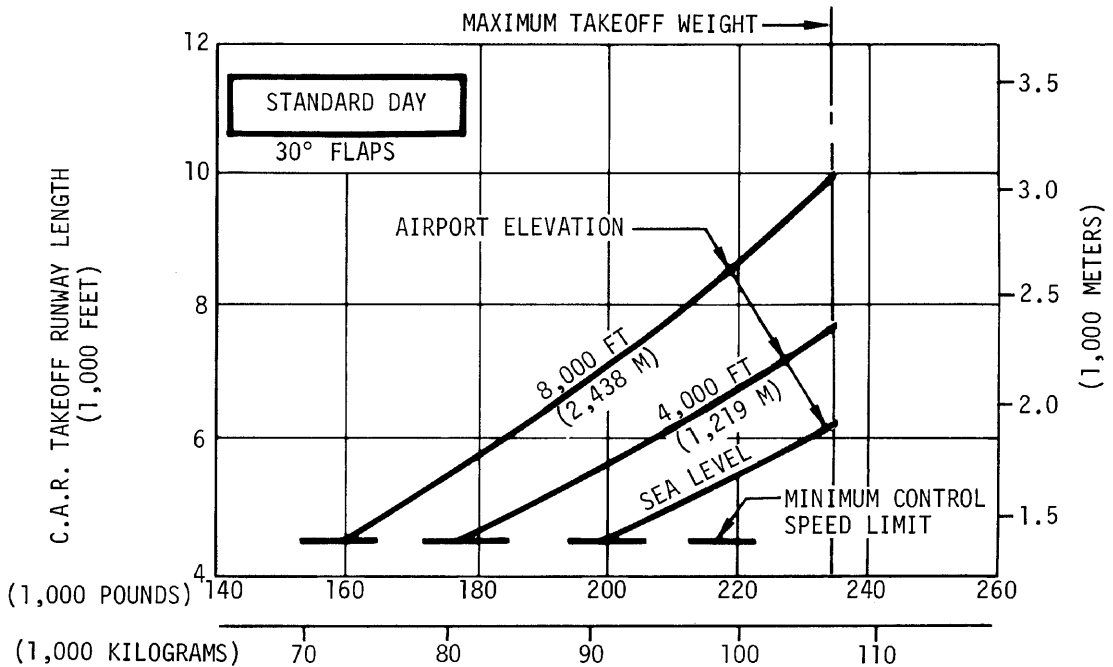


NOTES:

- JT3D-1 ENGINE (DRY) TWO TURBO COMPRESSORS
- TAKEOFF NET THRUST = 17,000 POUNDS (7,718 KILOGRAMS) SEA LEVEL, STATIC RATING
- ZERO RUNWAY GRADIENT
- CONSULT USING AIRLINE FOR SPECIFIC OPERATING PROCEDURE PRIOR TO FACILITY DESIGN

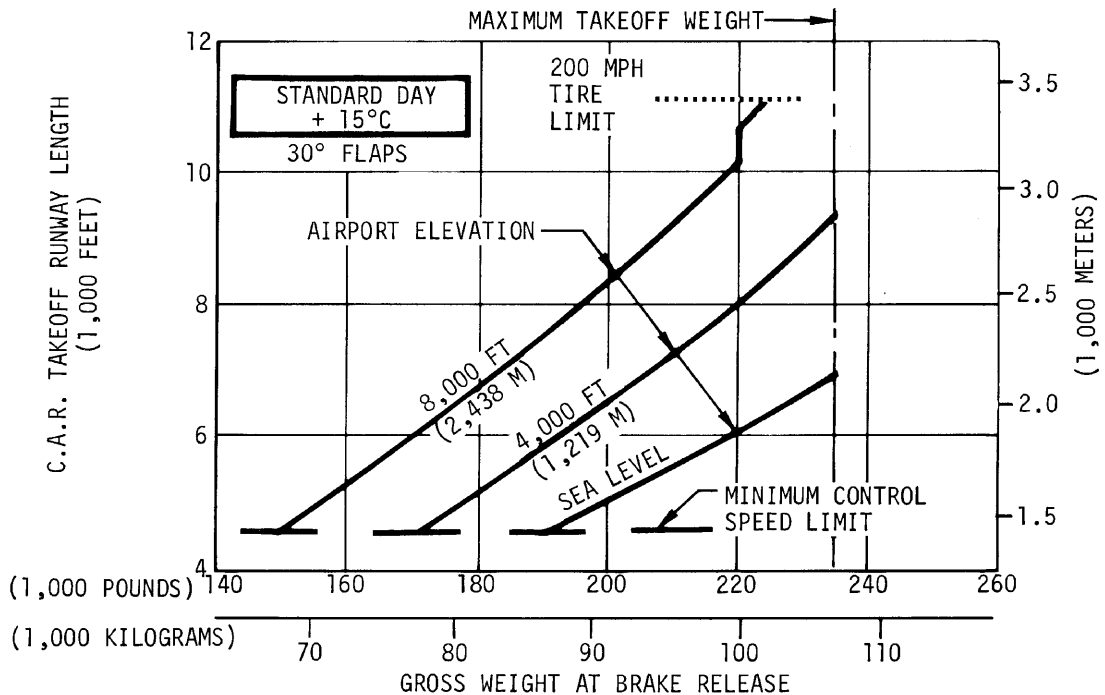


**C.A.R. TAKEOFF RUNWAY LENGTH REQUIREMENTS
MODEL 720B (JT3D-1 ENGINE)**

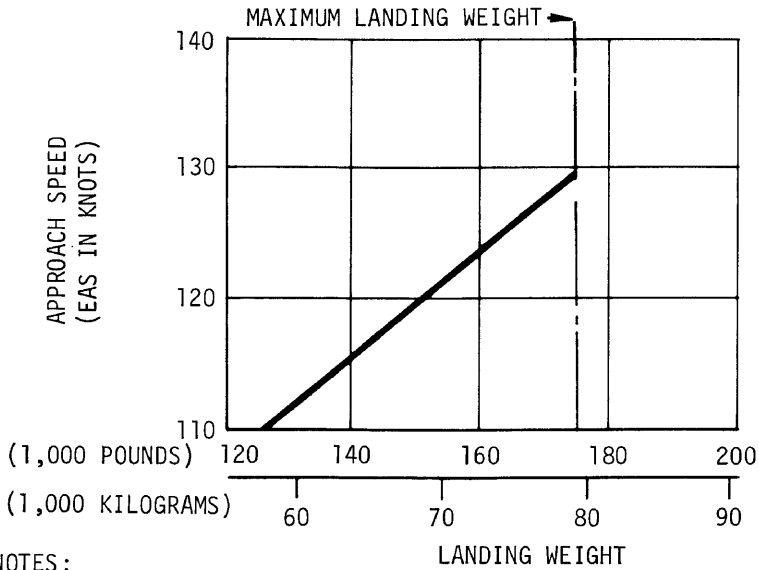


NOTES:

- JT3D-3 ENGINE (DRY) TWO TURBO COMPRESSORS
- TAKEOFF NET THRUST = 18,000 POUNDS (8,172 KILOGRAMS) SEA LEVEL, STATIC RATING
- ZERO RUNWAY GRADIENT
- CONSULT USING AIRLINE FOR SPECIFIC OPERATING PROCEDURE PRIOR TO FACILITY DESIGN



C.A.R. TAKEOFF RUNWAY LENGTH REQUIREMENTS
MODEL 720B (JT3D-3 ENGINE)

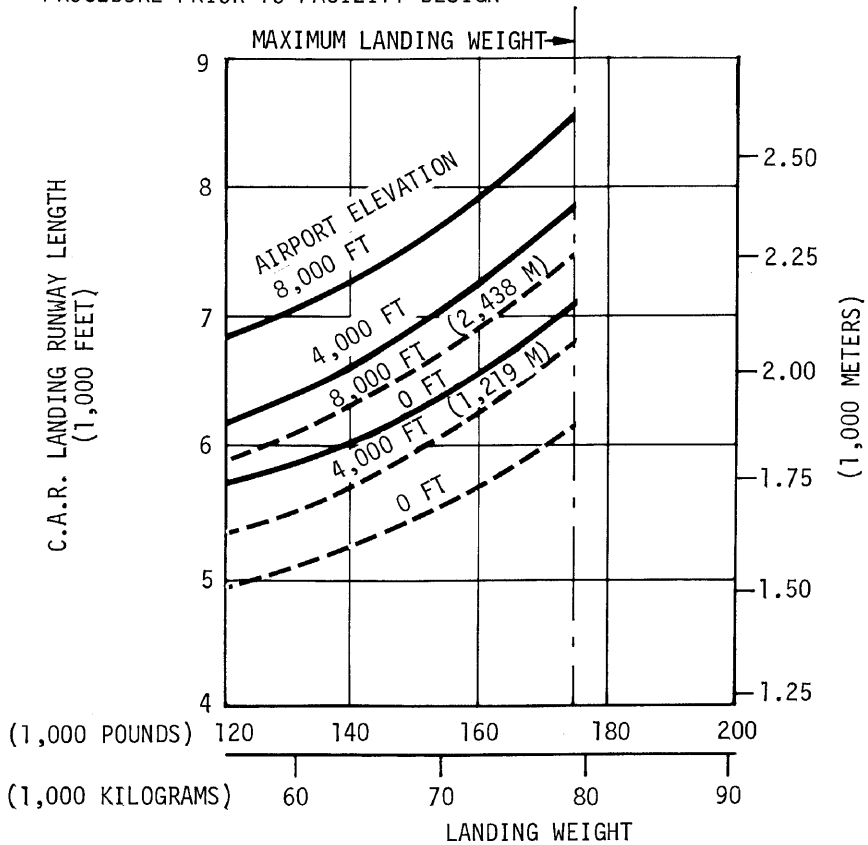


NOTES:

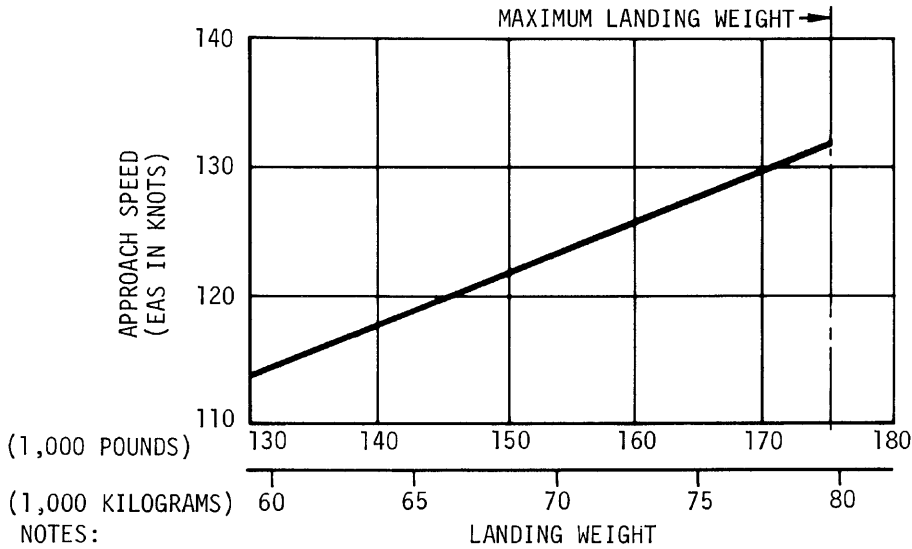
- STANDARD DAY
- ZERO RUNWAY GRADIENT
- CONSULT USING AIRLINE FOR SPECIFIC OPERATING PROCEDURE PRIOR TO FACILITY DESIGN

LEGEND:

- WET RUNWAY
- - - DRY RUNWAY



3.3 C.A.R. LANDING RUNWAY LENGTH REQUIREMENTS
MODEL 720

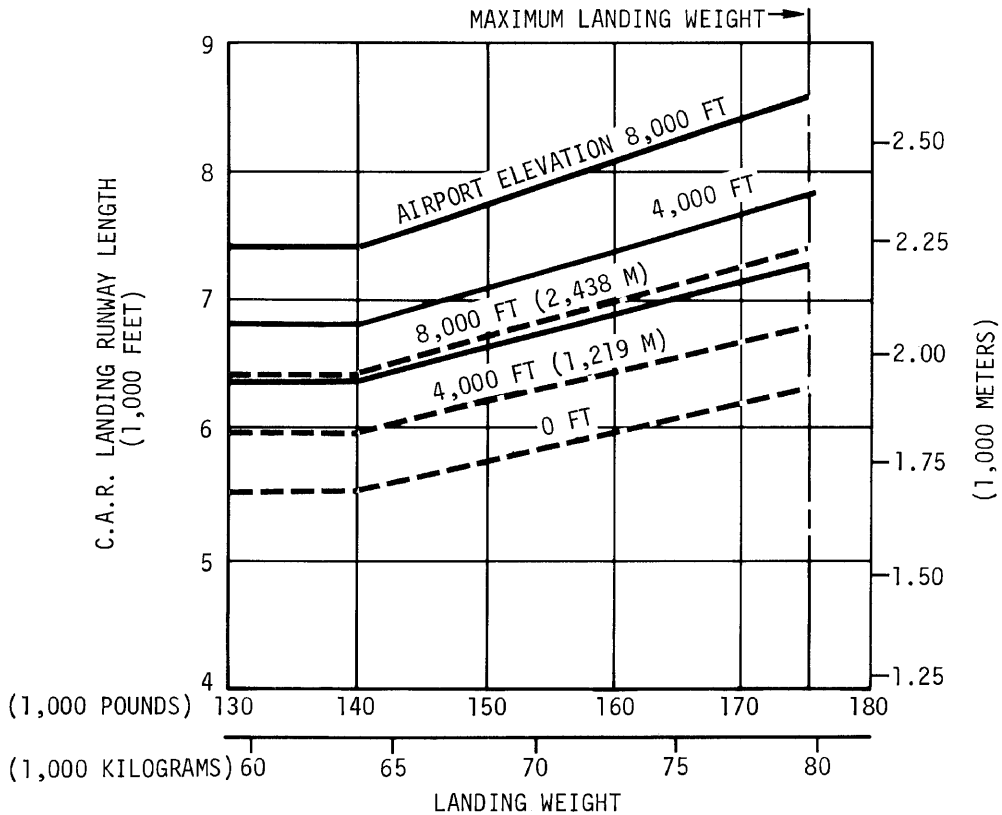


NOTES:

- STANDARD DAY
- ZERO RUNWAY GRADIENT
- CONSULT USING AIRLINE FOR SPECIFIC OPERATING PROCEDURE PRIOR TO FACILITY DESIGN

LEGEND

- WET RUNWAY
- - - DRY RUNWAY



C.A.R. LANDING RUNWAY LENGTH REQUIREMENTS
MODEL 720B