

PAVE: Abbreviation for Pilot, Aircraft, enVironment and External Pressures. The pilot should assess the risks associated with each aspect of the flight and make an informed decision regarding the safe conduct of the flight.

Density Altitude	5 Min
Calculate weight and balance.	15 Min
Loading arrangements	
Graphical method	
Tabular Method	
Begin learning how to get the weather	15 Min
Review Metar, TAF, Radar Summary	
Call the Wx briefer	
Chair fly	10 Min
Soft Field TO	
Short Field TO	
Walk Through	15 Min
Soft Field Landing	
Short Field Landings	

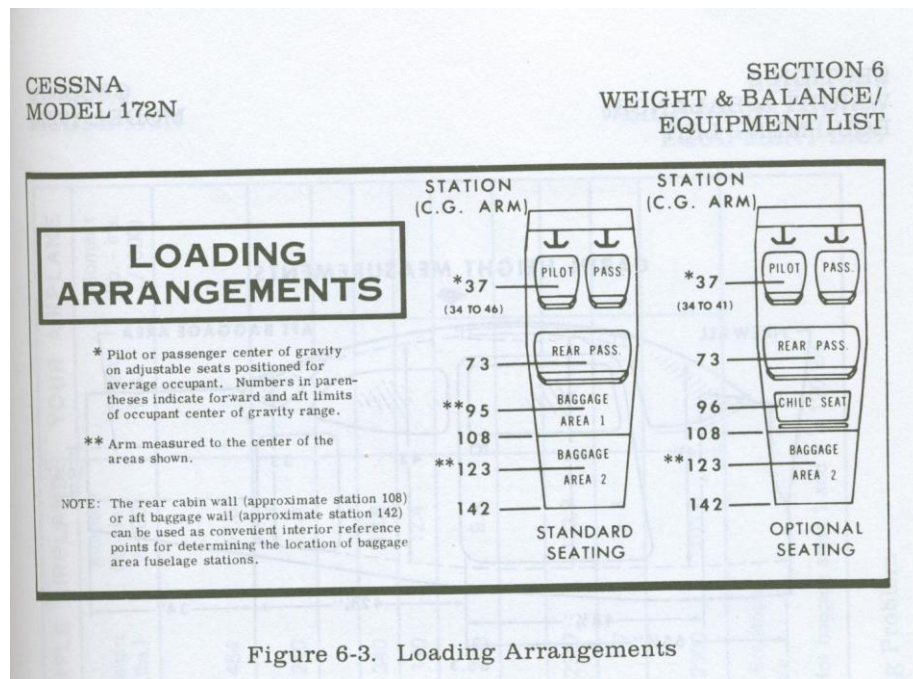


Figure 6-3. Loading Arrangements

## Flight Profile

Syllabus: PP11

Flight Lesson:

Student:

**Objectives:** Learn how to perform soft field and short field take offs and landings. Also, review turns around a point and S-turns.

**Homework:** Review PIC responsibilities, effects of density altitude on aircraft performance, and calculating weight and balance information.

### Flight Plan

#### ACTION

#### START TIME

#### Ground

60 Min

#### Preflight:

Preflight the Aircraft

Obtain Weather

Conduct risk assessment for the flight (PAVE)

15 min

#### Flight:

1.2 – 1.5

Short Field take off

Proceed to the training area

Power off stalls, power on stalls

Slow Flight

Ground Reference Maneuvers

Turns around a point

S-Turns

Rectangular Patterns (in the traffic pattern)

Take-offs and Landings

Go around procedures

Short field landing X 2

Soft field take off and landing X 2

#### Post Flight

15 Min

Parking and servicing airplane

Securing Aircraft

Oral portions and Lesson Review.

**Aircraft Performance Review**

Vx: \_\_\_\_\_ Vy: \_\_\_\_\_ Vso: \_\_\_\_\_ Best Glide: \_\_\_\_\_

**Performance**

Pressure Alt: \_\_\_\_\_ Temperature: \_\_\_\_\_ Density Altitude: \_\_\_\_\_

Takeoff Parameters and Distance: \_\_\_\_\_

Landing Parameters and Distance: \_\_\_\_\_

**Weight and Balance**

ITEM	WEIGHT	ARM	MOMENT
Aircraft (BEW)			
Fuel			
Front Passengers			
Rear Passengers			
Baggage Area			
Totals			

**Weather:** 1 800-992-7433

Briefing Elements

- 1. Pilot Rating (w/ VFR/IFR)
- 2. A/C Tail Number:
- 3. Departure Airport:
- 4. ETD and ETE:
- 5. Route of Flight
- 6. Destination:
- 7. Altitude:
- 8. Type of Brief:

**Standard Brief from FSS:**

Adverse Conditions:

VFR Recommendation:

Synopsis:

Current Conditions:

Forecast Conditions:

Winds Aloft      LOC                      30                      60

NOTAMS: