

LEVELING - MAINTENANCE PRACTICES

1. General

- A. To obtain longitudinal leveling indication, points are provided on left side of airplane fuselage.
 - (1) 208 and 208B Cargomaster leveling points are as follows: FS 209.00, WL 97.50 and FS 227.00, WL 97.50.
 - (2) 208B, 208B Super Cargomaster and 208B Passenger leveling points are as follows: FS 239.05, WL 97.50 and FS 272.13, WL 97.50.
- B. Longitudinal leveling of the airplane for weighing will require that the main landing gear be supported by stands, blocks, etc. on the main gear scales to a position at least four inches higher than the nose gear as it rests on an appropriate scale. This initial elevated position will compensate for the difference in waterline station between the main and nose gear so that final leveling can be accomplished solely by deflating the nose gear tire.

NOTE: Since the nose gear strut on this airplane contains an oil snubber for shock absorption rather than an air/oil shock strut, it cannot be deflated to aid in airplane leveling.

- C. The airplane can also be leveled longitudinally by raising or lowering the airplane at the jack points.
- D. Lateral leveling indication is obtained inside airplane by placing a spirit level directly on seat rails just aft of crew doors (removing carpet if necessary), allowing level to be observed from outside of airplane.

2. Longitudinal Leveling Using Fuselage Leveling Points

- A. Leveling Procedures (Refer to Figure 201).
 - (1) Remove screws at longitudinal leveling points located on left side of fuselage.
 - (2) Obtain two screws of sufficient length to provide resting points for level.
 - (3) Install screws at longitudinal leveling points on fuselage.
 - (4) Position a spirit level on screws.
 - (5) Observe level.
 - (6) To level airplane longitudinally, deflate nose gear tire to properly center bubble in level.

3. Longitudinal Leveling Using Pilot's Seat Rails.

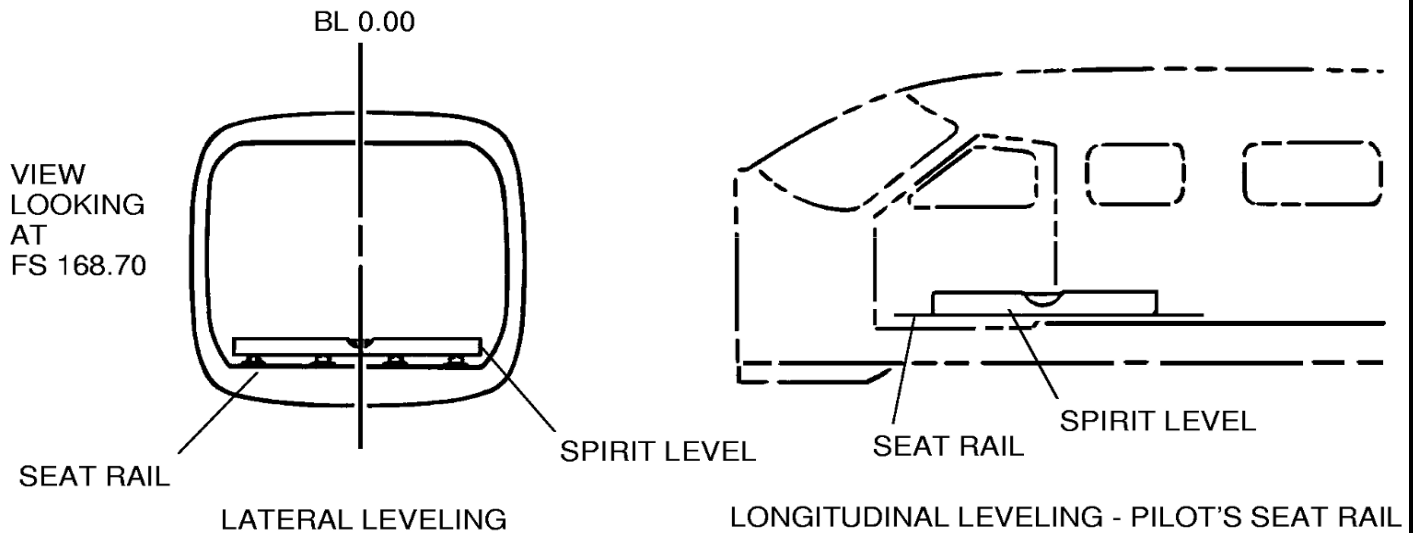
- A. Leveling Procedures (Refer to Figure 201).
 - (1) Move pilot's seat to the most forward position.
 - (2) Place level on top of (and parallel to) seat rail, just aft of pilot's seat.
 - (3) Observe level.
 - (4) To level airplane longitudinally, deflate nose gear tire to properly center bubble in level.

4. Lateral Leveling

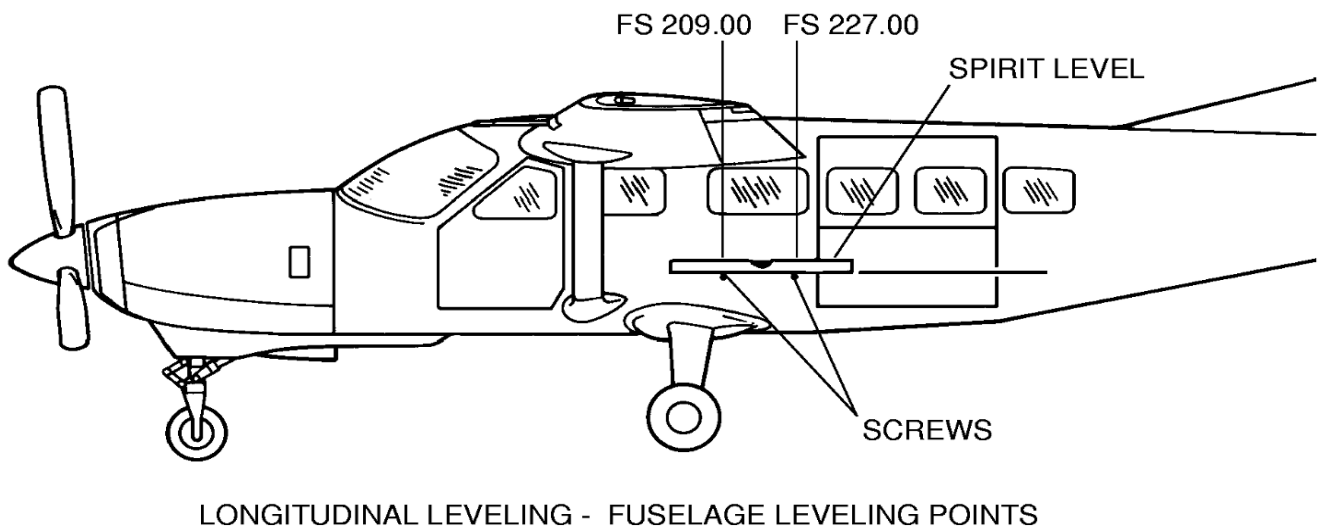
- A. Leveling Procedures (Refer to Figure 201).
 - (1) Place a spirit level directly on seat rails just aft of crew doors, removing carpet if necessary.
 - (2) Observe level.
 - (3) To level airplane laterally, deflate main gear tire to properly center bubble in level.

Figure 201 : Sheet 1 : Leveling Points

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MODELS 208 AND 208 CARGOMASTER ONLY



NOTE: LEVELING POINTS AND PROCEDURES ARE IDENTICAL FOR BOTH 208 AND 208 CARGOMASTER MODELS.

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Figure 201 : Sheet 2 : Leveling Points

