SAAB 2000

Aircraft Operations Manual

FLIGHT PROCEDURES Take Off

Continued OEI takeoff (see also AFM).

In the event of an engine failure and the decision is to continue the takeoff; Rotate at V_R to a nose up pitch attitude of 7 – 9 degrees, maintaining attitude to achieve V_2 at, or before, a height of 35 feet above the takeoff surface. Retract the landing gear once a positive rate of climb has been established.

Maintain a climb speed of V₂, banking the airplane 2 – 3 degrees towards the live engine as soon as sufficient height above the runway permits. At the designated acceleration height, level off, accelerate to V_{CLEAN} retracting the Flaps at V_{CLEAN} – 10 KIAS and reducing the power setting to Maximum Continuous Power. Continue climb, maintaining V_{CLEAN} until MSA.

If V_{CLEAN} - 10 KIAS is less than V₂, schedule Flap retraction at V₂.

If an engine failure occurs between 35 feet and the designated acceleration height, maintain the speed achieved but do not exceed a speed of V_2 +10 KIAS.

Ensure that the designated acceleration height allows vertical clearance of all obstacles, within the intended flight path.

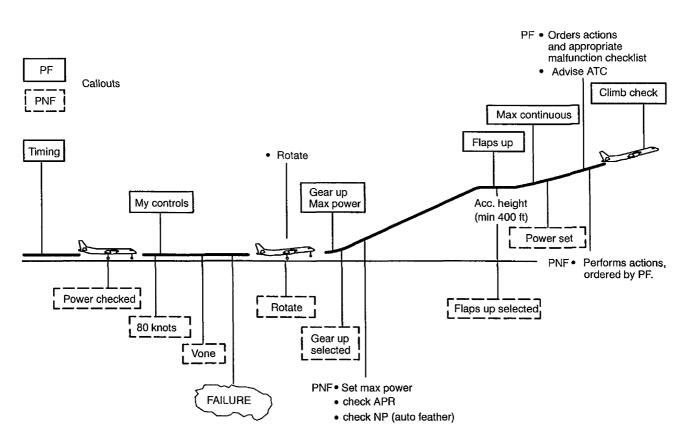


FIG 2

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