

File

XF-88B NORMAL OPERATING INSTRUCTIONS

Operating Flight Restrictions -

The maximum permissible limit speed (knot - IAS) for various operations is as follows:

Lowering or retracting landing gear.....	235 mph
Lower Flaps (both trailing and leading edge	200 mph
Opening Canopy.....	250 mph
Opening Speed Brakes.....	540 mph

Aerodynamic Limits:

Mach Number None

Structural Limits:

Air Speed	640 mph
Maximum speed for full aileron deflection	540 mph
Maximum speed for full rudder deflection	290 mph
Rolling pull-out-full aileron deflection:	
Load Factor	3.0 g.
Air Speed	540 mph

Symmetrical positive load factors:

Clean configuration 3.8 g.

Prohibited Maneuvers

- Spins
- Snap Rolls
- Prolonged Inverted Flight

965# ballast in tail } +3.6 g
 } -1.5 g
1265# ballast in tail } +3.3 g
 } -1.3 g

Access to Cockpit -

Access to the cockpit is obtained by depressing the flush type crank handle, located on the left side of the fuselage above the armament access door. Pulling the handle out, until it is free to turn and crank the canopy open. Use pilot's access ladder to enter the cockpit.

Before Starting J34 Engine -

- a. Adjust rudder pedals and seat height.
- b. Adjust seat harness, radio and oxygen connections.
- c. Control system feel and power control switches to "Both Off"
- d. XT-38 control switches and throttle "Off"
- e. J-34 throttles "Off"
- f. Afterburner switches "Off"
- g. Cabin heat control to "Auto"

Original XF-88 hand book given to Ron Gardes of Ames, NASA.

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