



CHANCE VOUGHT F4U CORSAIR BASIC CHECKLIST

SPEEDS FOR SAFE OPERATION

V_{so} – 75 KIAS

V_{S1} – 87 KIAS

V_y - 125 KIAS

V_{fe} – 200 KIAS

V_{le} – 200 KIAS

Best Glide, Wing Flaps Up – 140 KIAS

FLAP SETTINGS

0 DEGREES (UP)

20 DEGREES

30 DEGREES

50 DEGREES (DOWN)

BEFORE STARTING ENGINE

1. Rudder Pedals – ADJUST
2. Canopy – OPEN
3. View – CHECK, CENTER, ZOOM OUT

STARTING ENGINE

1. Throttle – OPEN SLIGHTLY
2. Brakes – SET
3. Propeller Area – CLEAR
4. Ignition Switch – START
5. Nav Lights – AS REQUIRED
6. Radio – ON

BEFORE TAKEOFF

1. Wings – SPREAD and LOCKED
2. Flight Controls – FREE and CORRECT
3. Arresting Hook – UP
4. Flight Instruments – CHECK
5. Fuel Quantity – CHECK
6. Elevator Trim – SET
7. Aileron Trim – 6 DEGREES RIGHT
8. Wing Flaps – AS REQUIRED
9. Tail Wheel – LOCKED
10. Brakes – RELEASE

TAKEOFF

FIELD TAKEOFF

1. Wing Flaps – 0 to 20 DEGREES
2. Throttle – 100%
3. Climb – 125 KIAS
4. Landing Gear – UP
5. Wing Flaps – UP

CARRIER TAKEOFF

1. Brakes – SET
2. Wing Flaps – 30 to 50 DEGREES
3. Throttle – FULL WAR EMERGENCY POWER (WEP)
4. Brakes – RELEASE
5. Climb Speed – 125 KIAS
6. Landing Gear – UP
7. Wing Flaps – UP ONE NOTCH AT A TIME

CLIMB

1. Throttle – 75%
2. Trim – 185 KIAS

CRUISE

1. Throttle – 40% to 50% AS REQUIRED
2. Trim – ADJUST

COMBAT

1. Canopy – CLOSED
2. Drop Tank – RELEASE
3. Wing Flaps – UP
4. Throttle – AS REQUIRED (DO NOT OPERATE AT WEP FOR MORE THAN 5 MINUTES)

DIVE

1. Canopy – CLOSED
2. Drop Tank – RELEASE
3. Wing Flaps – UP
4. Throttle – SLIGHTLY OPEN
5. Landing Gear – DOWN

DESCENT (GUMPS)

1. Gas – RESERVE TANK
2. Fuel Boost Pump – ON
3. Undercarriage – DOWN below 200 KIAS
4. Mixture – AUTO RICH
5. Prop – SET
6. Seatbelt – LATCHED

LANDING

FIELD LANDING

1. Landing Gear – CHECK DOWN
2. Tail Wheel – LOCKED
3. Canopy – OPEN
4. Wing Flaps – 30 DEGREES
5. Approach – 90 to 95 KIAS

CARRIER LANDING

1. Landing Gear – CHECK DOWN
2. Tail Wheel – UNLOCK
3. Canopy – OPEN
4. Arresting Hook – EXTEND
5. Wing Flaps – 50 DEGREES
6. Approach – 90 to 95 KIAS

GO AROUND

1. Throttle – FULL WEP
2. Landing Gear – UP
3. Wing Flaps – 30 DEGREES
4. Climb Speed – 125 KIAS
5. Wing Flaps – UP ONE NOTCH AT A TIME

AFTER LANDING

1. Arresting Hook – UP (Carrier)
2. Wing Flaps – UP
3. Tail Wheel – UNLOCK (Field)

EMERGENCIES

ENGINE FAILURE DURING TAKEOFF ROLL

1. Throttle – IDLE
2. Elevator – EASE TAIL WHEEL ONTO RUNWAY
3. Brake – GENTLY and FIRMLY

ENGINE FAILURE IMMEDIATELY AFTER TAKEOFF

1. Speed – BEST GLIDE 140 KIAS
2. Landing Gear – UP
3. Canopy – OPEN
4. Ignition Switch – OFF
5. Flaps – DOWN

ENGINE FAILURE DURING FLIGHT - FORCED LANDING

1. Speed – BEST GLIDE 140 KIAS
2. Emergency Field – IDENTIFY
3. Landing Gear – UP
4. Canopy – OPEN
5. Ignition Switch – OFF
6. Flaps – DOWN

BAIL-OUT

1. Altitude – CHECK MINIMUM 1000 AGL
2. Attitude – LEVEL