

# F-14A/B

**TOMCAT**

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## PRESTART CHECKLIST

- PARKING BRAKE.....PULL
- GROUND POWER.....ON
- AIR SUPPLY.....CONNECT
- OXYGEN.....ON
- WING SWEEP HANDLE.....MATCH
- ICS.....CHECK
- MASTER TEST SW.....CHECK

(LTS, FIRE DET/EXT,INST)

- MASTER TEST SW.....OFF
- EJECTION SEATS.....ARMED
- CANOPY.....CLOSE
- ACM PANEL.....SET
- EMERG STORES JETT button lgt...OUT
- LADDER lgt.....OFF

(INFORM RIO READY TO START)

## START CHECKLIST

- AIR SUPPLY.....APPLY
- EMERG FLT HYD SW...LOW,HIGH,AUTO
- ENGINE CRANK SW.....R

WHEN R ENG 20%

- RIGHT THROTTLE.....IDLE

- WHEN RH ENG STABLE...GND PWR OFF
- HYD TRANSFER PUMP SW...NORMAL
- HYD TRANSFER PUMP SW...SHUTOFF
- ENGINE CRANK SW.....L

WHEN L ENG 20%

- LEFT THROTTLE.....IDLE

- AIR SUPPLY.....DISCONNECT
- INS (RIO).....ALIGN
- AIR SRC...L ENG,R ENG then BOTH ENG
- HYD TRANSFER PUMP SW....NORMAL

## POSTSTART CHECKLIST

- STAB AUG SW.....ALL ON
- MASTER TEST SW.....EMERG GEN
- MASTER RESET SW.....DEPRESS
- MASTER TEST SW.....OFF
- MASTER RESET SW.....DEPRESS
- CONTROLS AND DISPLAYS...ON
- EMERGENCY WING SWEEP HANDLE.....OV SW
- WING SWEEP MODE SW....AUTO
- WING SWEEP DRIVE NO.1 and NO.2 MANUVFLAP cb.....IN(LE1, LE2)

Cont

## POSTSTART CHECKLIST

(Continuation)

- WING/EXT TRANS SW.....OFF
- COMM/NAV/GEAR/DISPLAYS...ON/SET
- TRIM.....SET 000
- STANDBY GYRO.....ERECT
- MASTER RESET SW.....DEPRESS
- DCP.....VERY CODES (FAIL, FLT, IBIT)

(FOR SHORE OPERATIONS)

- EMERGENCY WING SWEEP HANDLE.....20°
- FLAPS/SLATS.....DOWN
- FLIGHT CONTRLS.....CYCLE
- MASTER TEST SW.....DFCS BIT (ARM)
- AUTOPILOT SW.....ENGAGE
- MASTER TEST SW.....DFCS BIT (RUN)
- DCP.....VERY CODES (FAIL, FLT, IBIT)

- FLAPS/SLATS.....UP
- MANEUVER FLAPS.....DOWN
- WING SWEEP MODE SW.....MAN 50°
- MANEUVER FLAPS.....CRACK UP
- WING SWEEP MODE SW.....BOMB
- EMERGENCY WING SWEEP HANDLE.....68°
- EMERGENCY WING SWEEP HANDLE.....OV SW
- WING SWEEP MODE SW.....AUTO
- MASTER RESET SW.....DEPRESS

(CV CHECKLIST RESUMES)

- RADAR ALTIMETER.....BIT/SET
- DISPLAYS.....CHECK
- TACAN,ARA-63,HUD-VIDEO.....BIT/SET
- UHF, ALTIMETER.....SET
- COMPASS/FLT INST.....CHECK

(FINAL CHECKER - ASHORE)

- NOSE STRUT SW.....KNEEL
- HOOK.....DN THEN UP
- LAUNCH BAR.....CYCLE
- NOSE STRUT SW.....EXTD

(FINAL CHECKER - ABOARD CV)

- HOOK.....DN THEN UP
- STEERING.....OFF THEN ON

## TAXI CHECKLIST

- PARKING BRAKE.....REL
- STEERING/BRAKES..NWS ENG.& CHECK
- ORDNANCE.....SAFE

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## TAKEOFF CHECKLIST

- FUEL.....NORMAL FEED/TOTAL/BINGO
- CANOPY.....CLOSED
- SEAT.....ARMED
- STAB AUG.....ALL ON
- ATLS.....ON
- MASTER TEST SW.....OFF
- BIDIRECTIONAL.....NORMAL
- FLT INST/STD BY GYRO/ALT..CHECK

(CV - APPROACHING CAT)

- WINGS.....20°, AUTO
- FLAPS & SLATS.....DN
- SPOILERS & ANTISKID...SPOILER  
MODULE ON, SPOILER BRAKES OFF
- TRIM.....SET 000
- CONTROLS.....FREE
- ALL WARNING AND CAUTION lgts..OUT

(ASHORE - ANTISKID/SPOILER...BOTH)

## ASCENT CHECKLIST

- CABIN PRESS.....CHECK
- FUEL TRANSFER.....CHECK
- IN-FLIGHT OBC.....RUN

## PRELAND AND DESCENT CHECKLIST

- HOOK/HOOK BYPASS.....AS DESIR.
- EXT. lgts.....AS DESIR.
- COMPASS/BDHI-MAG COMP..CHECK
- WING SWEEP MODE SW.....AS DESIR.
- ANTISKID/SPOILER BK SW.....BOTH

(IF OPERABLE, CV-OFF)

- ALTIMETER.....SET
- RADAR ALTIMETER.....ON/BIT CK
- ARMAMENT.....SAFE
- ANTI-ICE SW.....AUTO/OFF
- PDCP.....SET
- ARA-63/ACLS.....ON/BIT CK
- DECM SW.....SET
- ARA/ALE-47 DCDU, MODE PWR SW...OFF
- WEAPON SELECT.....GUN THEN OFF
- WCS SW.....STBY or XMT

## LANDING CHECKLIST

- WINGS SWEEP MODE SW...20°, AUTO
- WHEELS.....THREE DN
- SAS.....ON
- FLAPS.....FULL DN
- DLC.....DN
- HOOK.....AS DESIR.
- SPEEDBRAKES.....OUT
- BRAKES.....CHECK
- FUEL.....CHECK

## POSTLANDING CHECKLIST

- SPEEDBRAKES.....RET
- ANTISKID SPOILER BK SW....OFF
- FLAPS & SLATS.....UP
- WING SWEEP MODE SW.....BOMB
- EMERGENCY WING SWEEP  
HANDLE.....OV SW
- AVIONICS.....OFF
- DCP.....VERY CODES (FAIL, FLT, IBIT)

- RIGHT THROTTLE.....OFF

- HYD TRANSFER PUMP SW....SHUTOFF
- EJECTION SEATS.....SAFE
- ORDNANCE.....DEARM
- WHEELS.....CHOCKED
- PARKING BRAKE.....PULL
- UHF/OXYG./EMERG GEN SW..OFF
- STANDBY GYRO.....CAGE

- LEFT THROTTLE.....OFF

- LIGHTS.....OFF
- CANOPY.....OPEN

## IN-FLIGHT REFUELING CHECKLIST

- WCS SW.....STBY
- ARMING SW.....SAFE
- DUMP SW.....OFF
- AIR SOURCE.....L ENG
- REFUEL PROBE.....EXTEND
- WING-SWEEP MODE/ANGLE...AS DESIR.
- VISOR.....DOWN

(WHEN CLEAR OF THE DROGUE)

- REFUEL PROBE.....RET
- AIR SOURCE.....BOTH ENG
- WING SWEEP MODE SW.....AUTO