

# NATOPS CHECKLISTS

*NAVY MODEL*

## **F-14A** **AIRCRAFT**

GRUMMAN AEROSPACE CORPORATION

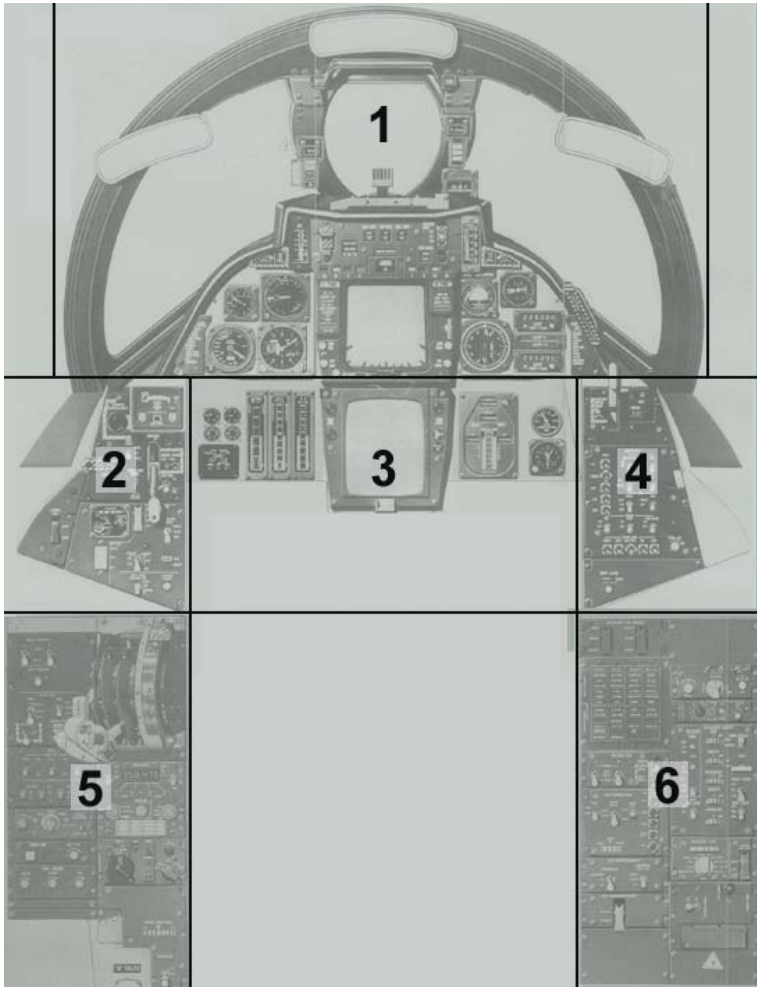
TACTICAL SOFTWARE EFFECTIVITY: 1116 / PZE TAPE



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AND UNDER THE DIRECTION OF THE COMMANDER,  
NAVAL AIR SYSTEMS COMMAND

# RAMPSTART CHECKLIST F-14A TOMCAT



## PRESTART - PILOT

|                                  |                  |     |
|----------------------------------|------------------|-----|
| 1. L and R generator switches    | NORM             | 6   |
| 2. L and R INLET RAMPS switches  | AUTO             | 2,5 |
| 3. L and R FUEL SHUT OFF handles | IN               | 1   |
| 4. FUEL FEED switch              | NORM(Guard down) | 2   |
| 5. Parking brake                 | PULL             | 2   |
| 6. AIR SOURCE pushbutton         | BOTH ENG         | 6   |

## MASTER LIGHT controls

|                                 |       |   |
|---------------------------------|-------|---|
|                                 | BRT   | 6 |
| 1. WING lights switch           | BRT   | 6 |
| 2. TAIL lights switch           | FLASH | 6 |
| 3. POSITION switch              | ON    | 6 |
| 4. ANTI COLLISION lights switch |       |   |

## LEFT ENGINE START

Note:

Separate engine start is possible if using the correct keystroke file. Make sure the key for switching engine is correctly declared. Toggle from both to left to right to both.

|                       |                            |       |
|-----------------------|----------------------------|-------|
| 1. Select engine      | LEFT                       | CTL o |
| 2. Throttle           | Cutoff to IDLE             | -     |
| 3. STARTER AIR switch | SET ON                     | 5     |
| 4. RPM                | Check increasing to 20%    | -     |
| 5. Throttle           | Advance to 50%             | -     |
| 6. ENG CRANK switch   | Set                        | 5     |
| 7. Throttle           | Advance at 70%             | -     |
| 8. RPM                | At 45% RPM – Throttle IDLE | -     |

## RIGHT ENGINE START

|                       |                            |       |
|-----------------------|----------------------------|-------|
| 1. Select engine      | RIGHT                      | CTL o |
| 2. Throttle           | Cutoff to IDLE             | -     |
| 3. STARTER AIR switch | SET ON                     | 5     |
| 4. RPM                | Check increasing to 20%    | -     |
| 5. Throttle           | Advance to 50%             | -     |
| 6. ENG CRANK switch   | Set                        | 5     |
| 7. Throttle           | Advance at 70%             | -     |
| 8. RPM                | At 45% RPM – Throttle IDLE | -     |
| 9. Select engine      | BOTH                       | CTL o |
| 10. Inlet Ramp (L&R)  | SET AUTO                   | 2, 5  |

## SYSTEMS

### COMMS/NAV/GEAR/DISPLAYS

|                              |        |         |
|------------------------------|--------|---------|
| 1. UHF function selector     | BOTH   | 5       |
| 2. TACAN function selector   | T/R    | 5       |
| 3. ARA-63 POWER switch       | ON     | 6       |
| 4. AFCS STAB AUG switches    | ALL ON | 5       |
| 5. DISPLAYS control switches |        |         |
| a. HUD                       | ON     | 4       |
| b. VDI                       | ON     | 4       |
| c. VDI MODE                  | ON     | 4       |
| c. HSD                       | ON     | 4       |
| 6. INS                       | ALIGN  | Shift-1 |
| 7. RADAR ALT                 | STBY   | Shift-1 |

### WEAPONS

|                   |       |   |
|-------------------|-------|---|
| 1. MASTER ARM OFF | Check | 1 |
| 2. GUN RATE       | HIGH  | 1 |
| 3. MSL PREP       | ON    | 1 |
| 4. MSL MODE       | NORM  | 1 |

### VOLUME

|                 |                |   |
|-----------------|----------------|---|
| 1. UHF 1 VOLUME | As appropriate | 5 |
| 2. UHF 2 VOLUME | As appropriate | 5 |
| 3. MSL          | As appropriate | 5 |
| 4. THREAT       | As appropriate | 5 |

## COUNTERMEASURES AND TAXI

### COUNTERMEASURES

|  |     |         |
|--|-----|---------|
| 1. CHAFF POWER                         | ON  | Shift-1 |
| 2. FLARES POWER                        | ON  | Shift-1 |
| 3. Select PROGRAM according to threats | SET | Shift-1 |
| 4. Select MODE according to threats    | SET | Shift-1 |
| 5. ECM RWR POWER                       | ON  | Shift-1 |
| 6. ECM JAMMER POWER                    | ON  | Shift-1 |
| 7. RWR POWER                           | ON  | Shift-1 |

### PREPARE FOR TAXI

|                            |       |         |
|----------------------------|-------|---------|
| 1. EJECTION SEAT           | ARM   | 4       |
| 2. LANDING LIGHTS          | ON    | 6       |
| 3. NWS ENABLE              | HOTAS | Shift-/ |
| 4. FLAPS TAKE OFF position | DOWN  | 2,5     |

Taxi and take-off according to ATC commands or Airplane Captains and Flight Deck Directors.