

BY ORDER OF THE COMMANDER  
132nd VIRTUAL WING

494th VIRTUAL STRIKEFIGHTER SQUADRON  
DOCUMENT NO. 132-494-F18C-500



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POCKET CHECKLIST - F/A-18C HORNET

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## POCKET CHECKLIST - F/A-18C HORNET



Rev. 00

## NORMAL PROCEDURES

### INTERIOR CHECKS

#### Left Console

Communications Panel ..... **SET**  
 Volume Panel ..... **SET**  
 External Tank Switches ..... **NORM**  
 Dump Switch ..... **OFF**  
 Internal Wing Switch ..... **NORM**  
 External Lights ..... **SET**  
 Throttles ..... **OFF**  
 Parking Brake ..... **SET**  
 Landing/Taxi Switch ..... **OFF**  
 Anti-Skid Switch(LAND) ..... **ON**  
 Anti-Skid Switch(SEA) ..... **OFF**  
 Flap Switch ..... **FULL**  
 Selective Jettison Knob ..... **SAFE**  
 Landing Gear Handle ..... **DOWN**  
 Canopy Jettison Handle ..... **FORWARD**

#### Instrument Panel

Master Arm Switch ..... **SAFE**  
 Altitude Source ..... **SELECT**  
 Attitude Source ..... **AUTO**  
 Clock ..... **CHECK AND SET**  
 IR Coolant Switch ..... **OFF**

#### Right Console

Hook handle ..... **UP**  
 Wing Fold Handle ... **SAME AS WING POS**  
 Radar Altimeter ..... **OFF**  
 Generator Switches ..... **NORM**  
 Battery Switch ..... **OFF**  
 ECS System ..... **SET**  
 Interior Lights ..... **AS DESIRED**  
 Sensors ..... **OFF**  
 KY-58 Panel ..... **SET**

### ENGINE START

Battery Status ..... **CHECK**

#### With External Power

External Power Switch ..... **RESET**  
 Switch 1, 2 and 4 .... **B - ON (HOLD 3 SEC)**

DDI, HI/MPCD and HUD ..... **ON**  
 Comm 1, 2 and ADF ..... **AS DESIRED**  
 Warning and Caution Lights ..... **TEST**  
 INS ..... **ENTER WAYPOINTS**

#### All Starts

Battery Switch ..... **ON**  
 Fire Warning A and B ..... **TEST BOTH**

#### If APU Start

APU ACCUM Caution Light ..... **OFF**  
 APU Switch ... **ON - READY light within 30 seconds**

#### If External Air Start

Bleed Air Knob ..... **OFF**

#### All Starts

Engine Crank Switch ..... **R**  
 RIGHT Throttle .... **IDLE (Min. 15 % RPM)**  
 GPWS Voice Alerts ..... **CHECK**  
 DDI, HI/MPCD, HUD and UFC ..... **ON**  
 EMI/IFEI ..... **CHECK**  
 LDDI ..... **FCS PAGE**  
 RDDI ..... **BIT PAGE**

#### Ground Idle

DESC ..... **SET**  
 N2 ..... **63 - 70 %**  
 EGT ..... **190 - 590°C**  
 Fuel Flow ..... **420 - 900 pph**  
 Nozzle ..... **73 - 84 %**  
 Oil Pressure ..... **45 - 110 psi**

#### If APU or Crossbleed Start

Bleed Air Knob .... **CYCLE 360° TO NORM**

*The bleed air shutoff valves close during the fire warning test and the bleed air knob must be cycled thru OFF to NORM with AC power on to reset the valves*

Warning and Caution Lights ..... **TEST**

*For a crossbleed start, insure APU switch is OFF and a minimum of 80 % rpm and 1,900 pph fuel flow*

Engine Crank Switch ..... **L**  
 LEFT Throttle ..... **IDLE (Min. 15 % RPM)**  
 Engine Crank Switch ..... **CHECK OFF**

**If External Air Start** .....  
 Bleed Air Knob ..... **RETURN TO NORMAL**

**All Starts** .....  
 EMI/IFEI ..... **CHECK**  
 External Power ..... **DISCONNECT**

### **BEFORE TAXI**

Radar ..... **OPR**  
 INS ..... **CV, GND or IFA**  
 OBOGS Control Switch ..... **ON**  
 OXY Flow Knob ..... **ON**  
 Wingfold .... **SPREAD AND LOCK/CHECK**  
 FCS RESET button ..... **PUSH**

*If wings are folded, verify aileron Xs are present*

### **If no reset**

T.O. trim button ..... **PUSH**  
 FCS Exerciser Mode ..... **INITIATE**

*Lift FCS BIT consent switch [Y] and push FCS RESET button simultaneously*

APU ..... **VERIFY OFF**  
 Hook Bypass ..... **FIELD/CARRIER**  
 Fuel ..... **BIT/SET BINGO**  
 Attitude Source ..... **STBY**  
 Altitude Source ..... **AUTO**  
 GPWS ..... **BOXED**  
 Mission Data ..... **ENTER**  
 Standby Attitude Indicator ..... **UNCAGE**  
 Radar Altimeter ..... **ON**  
 Weapons/Sensors ..... **AS REQUIRED**

Ejection Seat ..... **ARM**

### **BEFORE TAKEOFF**

Canopy ..... **CLOSED**  
 IFF ..... **ON**  
 INS ..... **CHECK AND NAV**  
 Parking Brake Handle ..... **FULLY STOWED**  
 MENU Checklist ..... **COMPLETE**

### **AFTER TAKEOFF**

**When Airborne** .....  
 Landing Gear ..... **UP**  
 Flaps ..... **AUTO**

### **10,000 FEET**

Cockpit Altimeter ..... **CHECK**  
 Fuel Transfer ..... **CHECK**  
 Radar Low Altitude Warning .. **CHECK/SET**

### **DESCENT/PENETRATION**

Engine Anti-Ice ..... **AS DESIRED**  
 Pitot Heat ..... **AUTO**  
 Defog Handle ..... **HIGH**  
 Windshield Anti-Ice/Rain Switch ..... **AS DESIRED**  
 Altimeter Settings ..... **CHECK**  
 Radar Altimeter ..... **SET AND CHECK**  
 HUD ..... **NAV MASTER MODE**

*Compare with STBY Flight Instruments and STBY Compass*

NAVAIDs ..... **CROSS CHECK**  
 ILS ..... **ON AND CHANNEL SET**  
 IFF ..... **AS DIRECTED**  
 Weapons/Sensors ..... **AS REQUIRED**

### **AFTER LANDING**

**When Clear of Active Runway** .....  
 Ejection Seat ..... **SAFE**  
 Flaps ..... **AUTO**  
 T.O. Trim button ..... **PUSH**

*Canopy either full up or full down during taxi*

## SPECIAL PROCEDURES

### AIR REFUELING

#### Before Plug-In \_\_\_\_\_

Radar ..... **STBY/SILENT/EMCON**  
 Master Arm Switch ..... **SAFE**  
 Internal Wing Fuel Switch ..... **AS DESIRED**  
 External Tanks ..... **AS DESIRED**  
 Air Refuel Probe ..... **EXTEND**  
 Visor ..... **RECOMENDED DOWN**

#### For Night Air Refueling \_\_\_\_\_

Exterior Lights ..... **STEADY BRIGHT**  
 Tanker Lights ..... **AS DESIRED**

### HOT SEAT PROCEDURE

Parking Brake ..... **ON**  
 Nosewheel Steering ..... **OFF**  
 Left Throttle ..... **OFF**  
 Throttle Friction ..... **MAX**  
 Avionics ..... **AS DESIRED**

### CV ALIGNMENTS

**INS CV ALIGNMENTS (RF or CBL)(SINS) \_\_\_\_\_**  
 Parking Brake ..... **SET**

ATT Select Switch ..... **AUTO OR INS**  
 INS mode selector knob ..... **CV**

#### After Alignment Complete \_\_\_\_\_

INS mode selector knob ..... **NAV**

### INS CV ALIGNMENT (MANUAL)

Parking Brake ..... **SET**  
 ATT Select Switch ..... **AUTO OR INS**  
 INS mode selector knob ..... **CV**  
 HI/MPCD ..... **PRESS MAN**

#### On the UFC \_\_\_\_\_

POSN option ..... **PRESS**  
 Type N/S latitude ..... **ENT**  
 Type E/W longitude ..... **ENT**  
 CHDG option ..... **PRESS**  
 Type true heading ..... **ENT**  
 CVEL option ..... **PRESS**  
 Type velocity ..... **ENT**

#### After Alignment Complete \_\_\_\_\_

INS mode selector knob ..... **NAV**

## CASE 1 - CARRIER RECOVERY

### INBOUND - 10 NM

COMM1 or COMM2 .... **CONTACT CATCC**

*Join Port Holding Pattern as instructed*

### HOLDING PATTERN - 5 NM CIRCLE

Altitude .... **AS INSTRUCTED (Min. 2000 ft)**

Airspeed ..... **250 KIAS**

Hook ..... **DOWN**

Anti-Skid Switch ..... **OFF**

Hook Bypass ..... **SEA**

*Depart Holding Pattern 30° opposite BRC heading (210° from BRC) - AFT of ship's beam*

### Initials - 3 NM AFT

Altitude ..... **800 FT**

Airspeed ..... **350 KIAS**

Hook ..... **CHECK DOWN**

LDDI ..... **HUD**

### Break

Speed Brake ..... **EXTEND FULLY**

Altitude ..... **KEEP 800 FT**

*Rule of Thumb: Match Gs according to 1/100 of Airspeed during deceleration in order to arrive at On-Speed AOA on roll-out (350 KIAS => 3,5 G)*

### ABEAM (180) - 1.2 TO 1.5 NM

Trim ..... **AS REQUIRED**

Altitude ..... **600 FT**

Speed ..... **ON SPEED AOA**

#### Below 250 KIAS

Landing Gear ..... **DOWN AND LOCKED**

Flaps ..... **FULL**

*Target speed approximately 140 KIAS*

#### Turn to final

Position ..... **ABEAM LSO PLATFORM**

Angle of Bank ..... **30°**

Rate of Decent ..... **200 - 300 FPM**

Speed ..... **ON SPEED AOA**

### Aft (90) - 3/4 NM

Altitude ..... **450 FT**

Rate of Decent ..... **500 fpm**

*Maintain optimum AOA, and a 30° AOB*

### IN THE GROOVE

AOA ..... **CHECK**

Rate of Decent ..... **CHECK**

Ball Call ..... **CALLSIGN TYPE FUELSTATE**

*"Thunder 204, Hornet, Ball - Three Point Five"*

## RADIO PRESETS - COMM 1 and COMM 2

### COMM 01 - V/UHF

1 - Internal #1 .....	233.000
2 - Internal #2 .....	232.500
3 - Internal #3 .....	232.000
4 - Internal #4 .....	235.250
5 - Internal #5 .....	244.750
6 - Internal #6 .....	232.250
7 - Tanker A .....	230.750
8 - Tanker B .....	235.500
9 - Inflight Report Net .....	234.000
10 - SPARE .....	SPARE
11 - SPARE .....	SPARE
12 - SPARE .....	SPARE
13 - Sir Abu Nuyar .....	242.500
14 - Sirri Island airfield .....	237.750
15 - Tunb Island AFB .....	225.750
16 - Khasab airfield .....	235.750
17 - Al Minhad AB .....	233.250
18 - Al Dahfra AB .....	234.750
19 - SCRAMBLE .....	228.250
20 - SPARE .....	SPARE

### COMM 02 - V/UHF

1 - DECK (CNV74) .....	134.100
2 - TWR (CNV74) .....	134.200
3 - MARSHAL (CVN74) .....	127.1
4 - AWACS CHECK-IN .....	237.000
5 - AWACS A-A #1 .....	228.000
6 - AWACS A-A #2 .....	248.000
7 - SCRAMBLE .....	228.250
8 - Inflight Report Net .....	234.000
9 - SPARE .....	SPARE
10 - SPARE .....	SPARE
11 - SPARE .....	SPARE
12 - SPARE .....	SPARE
13 - Sir Abu Nuyar .....	242.500
14 - Sirri Island airfield .....	237.750
15 - Tunb Island AFB .....	225.750
16 - Khasab airfield .....	235.750
17 - Al Minhad AB .....	233.250
18 - Al Dahfra AB .....	234.750
19 - SPARE .....	SPARE
20 - SPARE .....	SPARE

### COUNTERMEASURES

Counter Measure Switch - FWD .....	Manual Program #5
Counter Measure Switch - AFT .....	Selected CM Program

### ALE-47 Modes

Dispenser Bypass Switch .....	ON
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<b>MAN 1</b>	Only launch on Pilot Input
<b>S/A</b>	Auto-selects program, no launch until Pilot Input
<b>AUTO</b>	ALE-47 selects program and launches CMs