

## **F/A-18C – START**

Batteries Check	<b>Both &gt; 23.5 V</b>	<b>ON</b>
Parking Brake		<b>ON - 3000 psi min</b>
Fire Test A & B		<b>Complete</b>
APU Switch		<b>ON</b> Green Light On

### **Start Right Eng**

Eng Crank Switch		<b>Start Right Eng</b>
At 18% rpm	-      Right Throttle	<b>IDLE</b>
Monitor Right Engine	<b>RPM - 63% - 70%</b>	
	<b>EGT - 190° - 590° (Max of 750°)</b>	
	<b>FF - 420 - 900 pph</b>	
	<b>Noz - 73% - 84%</b>	
	<b>Oil P - 45 - 110 psi</b>	
Displays		<b>All ON</b>
Comms 1 and 2		<b>ON - Freq - R/T Call</b>
Int & Ext Lights		<b>A/R</b>
INS	Set as appropriate to	<b>GND or CV</b>
Radar		<b>OPR</b>
Canopy		<b>CLOSE</b>

### **With Right Eng on line**

Left DDI	Select	<b>FCS Page</b>
	Check for any Right Engine faults	
Reset Master Caution	Cancel Advisories	
Bleed Air Switch		<b>Clockwise 360°</b>

## Start Left Engine

Eng Crank Switch		<b>Start Left Eng</b>
At 18% rpm	- Left Throttle	<b>IDLE</b>
Monitor as for Right Engine		
OBOGs Control		<b>ON (Up)</b>
Hook By-Pass Sw	a/r	<b>Carrier/Field</b>
Anti-Skid Sw	a/r	<b>OFF/ON</b>

## With Left Eng on line

FCS Indicator (Lt DDI)	Check for any Left Engine Faults
Master Caution Btn	Stack Advisories
FCS RESET Button	<b>Press</b>
Flaps <b>HALF</b>	Carry out <b>BIT Test</b>
Flaps <b>AUTO</b> (Up)	Check Control Column Movement
Flaps <b>HALF</b>	
Left DDI - FCS Display	Check <b>No Xs - 12s and 30s only</b>
Take Off Trim Button	<b>Press Check 12°</b>
Set trim a/r for Carrier	<44k <b>16°</b> ; 44-49k <b>17°</b> ; >49k <b>19°</b>
NWS <b>OFF</b> (Paddle Sw)	Check Rudder Movement
Pitot Heater	<b>ON then AUTO</b>
AV Cool Switch	<b>EMERG &amp; Release</b>

<u>Four Down Test</u>	- Refuelling probe	<b>Cycle</b>	<b>IN</b>
	- Speed Brake	<b>Cycle</b>	<b>IN</b>
	- Launch Bar	<b>Cycle</b>	<b>RETRACT</b>
	- Arrestor Hook	<b>Cycle</b>	<b>UP</b>

<u>Instruments</u>	- TACAN & ILS	<b>Both On &amp; Chans set</b>
	- Data Link & IFF	<b>Both On</b>
	- Standby Att Ind	<b>On &amp; Set</b>
	- Baro Altimeter	<b>Set - Check Ht</b>
	- Radar Altimeter	<b>On - Set Min Ht</b>
	- HUD Alt Sw	<b>RAD ALT</b>
	Misc Data Times, Min Hts, etc - a/r	
INS	Confirmed Aligned - Set to	<b>NAV</b>
Bingo Fuel		<b>Set</b>
<u>EW Suite</u>	ALR-67(V) RWR	<b>ON</b>
	ALE-47 Dispenser	<b>ON - Prog a/r</b>
	ALQ-165 Jammer	<b>REC</b>
Weapons & Settings		<b>A/R</b>

### Pre-Taxying & Take-Off Checks

Ejection Seat		<b>Armed</b>
NWS HUD Indication		<b>ON / HI a/r</b>
Warning Lights		<b>All Out</b>
Hook		<b>Retracted</b>
Flaps		<b>HALF</b>
Trim		<b>SET a/r</b>
Chocks		<b>Removed</b>
Brakes -	Parking Brakes <b>OFF</b>	<b>Check</b>
Wings Spread		<b>SPREAD &amp; Lock</b>
DDI Checklist Complete	Left DDI	<b>HUD Page</b>
	Right DDI	<b>FCS</b>

## Take-Off

### Carrier only

Launch Bar	<b>EXTEND</b>
Connect to Catapult	
Power	<b>80%</b>
Catapult Holding	
Launch Bar	<b>RETRACT</b>
Flying Controls	<b>Cycle x 2</b>
"Salute" -	<b>Full Pwr – Re-Ht a/r</b>

### Field only

Brakes	<b>Hold On</b>
Power	<b>80%</b>
Flying Controls	<b>Cycle x 2</b>
Brakes Holding	<b>Brakes Off</b>
	<b>Full Pwr – Re-Ht a/r</b>
Lift-Off Speed	<b>6° - 8° Nose Up</b>

## After Take-Off

Airborne	Gear	<b>UP – Lts Out</b>
	Flap	<b>AUTO – Lts Out</b>
	Launch Bar	<b>Light Out</b>
Climb/Cruise Power		<b>Set a/r</b>
Right DDI		<b>A-A Radar</b>