

CHECKLISTS

AIRCRAFT READINESS CHECK PT.1

Cabin heat selector	AUTO
Engine Start-Cold cranking	ON
2-PSN Nozzle EMRG. CTL.	OFF
BLC	ON
Preset ALT. switch	AS REQUIRED
Cone mode of operation	AUTO
Drag chute JETT.	CLOSED
Anti skid unit	ON
Air relight	OFF
Full throttle	ON
Reheat	ON
Engine starting unit	ON
FIRE-FTG EQPT	ON
Throttle lever	SHUT-OFF
TAXI/LDG lamp	RETR.
GYRO/MSL switch	MSL
NAVIG/LETDOWN./LDG. switch	NAVIG
OUTER/INNER beacon selector	OUTER
Nosewheel break	OFF
Clock	CHECK
Tactical RLS	OFF
Gun switch	OFF
MSL, RGM, RKT LCH circuit breaker	OFF
P-S Tube	MAIN
OFF/STANDBY/RUN ON switch	OFF

FIXED BEAM/OFF switch OFF
 OFF/H SIGNAL/LOW ALT switch OFF
 Limit altitude selector switch OFF
 ANT./COMP. switch COMP.

AIRCRAFT READINESS CHECK PT.2

RDR ILL. WARN. SET. switch RDR ILL. WARN. SET. position
 Distress switch OFF
 IFF DEST. button OFF
 Primary communication channel SELECTED
 R/SET/COMP switch R/SET
 CONE/OFF CONE
 N. SUP. ON

BEFORE ENGINE START

Altimeter SET TO QFE
 Fuel gauge (no external stores) SET TO 2750L
 Fuel gauge (490-L ventral drop tank) SET TO 3250L
 Fuel gauge (800-L ventral drop tank) SET TO 3500L
 Fuel gauge (two wing drop tanks) SET TO 3750L
 Fuel gauge (three 490-L drop tanks) SET TO 4200L
 BAT, EXT. PWR SUP. ON
 VERT. GYRO of FDS, AFCS, RDR, QYRO HOR. SIG. circuit breaker
 ON
 FDS circuit breaker ON
 Magnetic declination setting SET LATITUDE
 FDS button HOLD FOR 5 SECONDS
 Voltage in aircraft mains CHECK
 ATC IDENT. HOLD FOR 1 SECOND

ENGINE START

DC GEN ON
Service TK pump ON
Throttle lever IDLE
Ground starting button HOLD FOR 3-4 SECONDS
AC GEN., EXT. PWR ON
3 TK GP PUMP ON
1 TK GP PUMP ON
RDR ILL. WARN. SET ON
Recorder ON
TRIM. ON
ARC ON
RAD ON
ALT MKR REC ON
FDS ON
GYRO HOR ON
CP30 IFF ON

TAXI

Canopy SEALED
Nosewheel brake OFF
Flaps SET
Flight navigational instruments CHECK

TAKEOFF

Takeoff (no external load or two missiles) FULL THROTTLE NON-
REHEAT POWER
150-200km/h SHIFT CONTROL STICK 3/4 BACK
250-270km/h REDUCE CONTROL STICK BACKWARD DEFLECTION

340-360km/h TAKEOFF

CLIMB

Landing gear pin OPEN

Landing gear lever UP

Landing gear lever NEUTRAL

Landing gear pin CLOSED

Flaps UP

LANDING

Flaps SET FOR LANDING

Gear lever DOWN

Gear lever NEUTRAL

Landing chute DEPLOY AFTER TOUCHDOWN

AIR TO AIR SITUATION

AIR/GND switch AIR

IR/SAR switch IR (for IR missiles)

IR/SAR switch SAR (for R-27R1 missiles)

Armament selector IR-SAR

Gunsight ON

GYRO/MSL knob GYRO

GUN/LNC switch LNC

Target size SET TO TARGET WINGSPAN

SHOOT/BOMB switch SHOOT

Radar RUN ON

AIR TO GROUND SITUATION

AIR/GND switch GND
IR/SAR switch NEUTRAL
Armament selector B RKT (for bombs and rocket pods)
Armament selector S-24 RKT (for S-24 rockets)
Gunsight ON
GYRO/MSL knob MSL
Fixed net ON
Target size SET TO TARGET SIZE
SHOOT/BOMB switch BOMB (only when using bombs)