



PROCEDURES TU 154M

Preliminary check: flight in shared cockpit:

- Read the Pre Required checklists
- apply the Pre Connection settings relating to the device

CLAUDE/HERVE

VERSION 22/04/2020

		PF	PM	
POWER-UP PROCEDURE				
POP UP GND	ENGINES COVER OFF (GREEN) SENSORS COVERS OFF (GREEN) GROUND POWER ON (YELLOW) Announce "GROUND POWER ON" FUEL TANKER/CATERING/KITCHEN DOOR/CARGO DOOR 1AND2/PAX DOOR 1 AND 2/LADDER 1 AND 2 : GEAR BLOCKS ON (RED)			MASTER ON SMARTCOPILOT CONNEXION // MONITIRING BY SLAVE
POP UP LOAD	FUEL / PAX / CARGO PUSH LOAD FUEL THEN LOAD FAST			
POP UP GND	ALL SERVICES OFF (GREEN) EXCEPT GROUND POWER AND GEAR BLOCKs			
PARKING BREAK	ON	X		MP1 D
LANDING GEAR	DOWN	X		OVH7
BATTERIES N1 N2 N3 N4	ON		X	IP2 D
RECT N1 N2	ON		X	IP2 D
GND POWER ON	EXT PWR ON		X	IP12 A
COCKPIT LIGHT	ON		X	IP1 D/PR1 A
BEACON	ON		X	PR1 B
NAV LIGHT	ON		X	PR1 B
LAMP TEST	PUSH ALL PANELS		X	
APU START	OFF > START / CRANK > START PUSH START		X	IP2 E
APU POWER	ON (WHEN RPM 100%)		X	IP2 A
PTS-250 N1 INOP	ON		X	IP2 C
AHZ AUX	ON		X	OVH1
PTS-250 N1 INOP	OFF (CLOSED PROTECTION)		X	IP2C
HYDRAULIC SYSTEM	ELEC PUMPS 2HS 3HS	ON	X	IP4 CD
	H/SYS 2 TO H/SYS 1	ON	X	
	ACCUM CHARGE	PUSH	X	
	WHEN GAUGES 1 2 3 AND EMER BRAKE >= 20			
	ALL SWITCHS	OFF	X	
EXT PWR	OFF		X	IP2 A
TEST HYDRAULIC BREAKS	PARKING BREAKS	OFF	X	
	ACTION BREAK AND CHECK HYDRAULIC PRESSION		X	
	PARKING BREAKS	ON	X	
POP UP GND	GROUND POWER OFF GEAR BLOCK OFF	X		
CHARTS ON BOARD	CROSS CHECK	X	X	
CALL POWER UP CHECKLIST				

BEFORE STARTING PROCEDURE					
OVERHEAD	ALL ELECTRIC SWITCHS ON (EXCEPT AP FD)		X	X	OVH1
MAGNETIC COMPASS	READ AND MEMORIZE		X		
LATITUDE READ	ON TAWS		X	X	MP2 B
GYROSCOPE/HSI ADJUSTEMENT	ADJUST LATITUDE			X	OVH4
	POSITION MAG			X	
	PUSH ADJUST (HSI LEFT) / CHECK PF		X	X	
	CORRECTION ON REF			X	
	PUSH ADJUST (HSI RIGHT) / CHECK PF		X	X	
	POSITION DG			X	
	PUSH ADJUST NDB / CHECK PF		X	X	
AUTO THROTTLE	PREPARE	ON	X		PED2 C
NVU	POWER	ON	X		PED4 A
ABSU	PREPARE NAV		ON	X	PED 3AB
	NEEDLES AHZ		ON	X	
	ROLL ET PITCH		ON	X	
MSRP	ON			X	IP1 A
REC-MAIN / REC-AUX	ON			X	
FUEL SYTEM	TANK 1 2 3 4 ON			X	IP4 A
	SWITCH EQUALIZER >>> OPEN ON			X	
	FUEL QUANTITY CONTROL			X	
	FUEL QUANTTITY INDEX (FLOW METER)			X	IP4 B
INSTRUMENT ENGINE PANEL	SWITCH 1-2-3	ON		X	IP6 D
WHELL STEER	63°		X		
IF NETWORK FLIGHT	REQUEST CLEARANCE OF DEPARTURE		X	X	
TRANSPONDER	STBY CHECK CODE		X		OVH3
NAVIGATION SETUP	NVU	ENTER VECTOR	X	X	PED4
	KLN90	ON SET	X	X	
	VOR/DME	SET	X	X	OVH6
	ADF	COM AND SET	X	X	
	VHF COM	SET	X	X	OVH6
	QNH ALTIMETERS	SET (PF/PM/ENGINEER)	X	X	
	V1 VR V2	OBTAIN	X	X	
IF PUSHBACK	CALL BUSHBACK AND CONTINUE PROCEDURE		X	X	
CALL BEFORE START CHECKLIST					

START ENGINES PROCEDURE				
APU BLEED	ON		X	IP2 E
ENGINE START PANEL	MAIN SWITCH ON / CRANK > START		X	IP6 C
AIR PRESSURE	SET 4KG/CM²		X	IP6 B
CHRONO ENGINEER	START		X	IP6 A
ENG SELECT	1		X	IP6 C
GENERATOR (ELECTRIC PANEL)	POSITION CHECK (DOWN)	X		IP2 B
ANNOUNCE	START ENGINE 1		X	
START ENGINE	PUSH START		X	IP6 C
A 20 %	FUEL ON		X	IP3 A
A 60%	GENERATOR 1 CONNECT UP) ANNOUNCE "GENERATEUR 1 CONNECT"	X		IP2 B
START AGAIN FOR ENGINE 2 AND 3			X	
PANNEAU ENGINE START	MAIN SWITCH OFF / START > CRANK		X	IP6 C
ELECTRIC PANEL	APU OFF		X	IP2 A
APU BLEED	OFF		X	IP2 E
APU	PUSH SHUT DOWN		X	
	START > OFF / START > CRANK		X	
PRESSURISATION	AIR ENGINE BLEED VALVES (X3) ON		X	IP5 C
	MASS AIR SUP LEFT LINE / RIGHT LINE ON		X	
	MAINTAIN PRESSURIZ VLVS		X	IP5 A
	SWITCH REGULATORS (WHITE) AUTO X5 LEFT AND RIGHT SYS SET 0		X	
ICE DET	ON AND TEST		X	IP1 C
AGENT ARM	ON			IP1 B
ANTI-ICERS	TEST X 5 ON IS REQUIRED		X	IP1 Ca
BOOSTERS CONTROL	ON X 3	X		PED1 A
TEST COMMANDE	STAT ELV +25 -20 OK	X		MP2 A
DOPPLER	POWER ON	X		OVH 2
	NAV NVU BY DOPP	X		
	GROUND OR SEA	X		
LIGHTED FASTEN NO SMOKING	ON	X		
WINDSHIELD	ON X3		X	OVH 5
PITOT TUBE	TEST THEN ON X3		X	
ABSU	OPEN ARREST GUARD AND PUSCH 3/4 SECONDES	X		PED3a A
OVERHEAD	ATT POWER ON > OFF > ON	X		OVH1
OVERHEAD	AP FD ON	X		OVH1
ABSU	AUTOPILOT ARMED CHECK // ABSU READY CHECK	X	X	IP1
G METER	TEST AND REST (PUSH CENTER)	X		MP1 A
RADAR	ON		X	PED2 A
FLAPS	15 °		X	OVH 7
CALL START ENGINES CHECKLIST				

TAXI PROCEDURE				
TAXI	CALL ATC	X	X	
TAXI LIGHT	ON AND EXTEND	X		OVH7
BREAK	CHECK	X		

BEFORE LINE-UP PROCEDURE				
HOLD POINT	TRANSPONDEUR ON	X	X	OVH3
RADAR	METEO			OVH7
LANDING LIGHT	ON AND EXTEND	X		
HEADING PF / PM	RUNWAY AXIS	X	X	
CALL BEFORE LINE_UP CHECKLIST				

TAKE OFF/CLIMB PROCEDURE				
ALIGN	WHELL STEER 10°	X		
CHRONO PF	START	X		
HEADING	CONFIRM	X		
NVU	CALC PM ON ANNOUNCE "NVU CALC"			X
SPEED 200 KM / H	PM ANNOUNCE "200 KM/H"			X
VR	PM ANNOUNCE "ROTATION"			X
VS POSITIVE	GEAR UP			X
ANNUNCIATOR GEAR	3 GREEN			X
LOCKED GEAR	ON >> PM "ANNOUNCE LANDING GEAR LOCKED"			X
SPEED > 350 KM/H	FLAPS 0 PM ANNOUNCE "FLAPS ZERO"			X
VS	ADJUST	X	X	
IF PF REQUEST	PA ON (STAB,CS,NVU,VOR)	X	X	
	V HOLD	X	X	
	AUTO THRUST	X	X	
ALT < 10000 FT (3000 M)	SPEED MAX 463 KM/H	X	X	
ALTITUDE TRANSITION	QNH 1013 CROSS CHECK	X	X	
FL 100	LANDING OFF ET RETRACT			X
AT FL CRUIZE	AUTO PILOT PRESS H	X	X	
CABIN SIGN	AS REQUIRED			X
PRESSURISATION	CHECK			X
FUEL	CHECK QUANTITY			X
CALL CRUISE CHECKLIST				

DESCENT PROCEDURE			
ARRIVAL PROCEDURE	BRIEFING STAR IAC	X	X
ATC	SET FREQUENCY		X
HSI	ALIGN MAGNETIC	X	X
PASSAGER SIGNS	ON		X
HYDRAULIC ACCUMULATOR	CHECK AND PRESS ACCUM CHARGE IF NECESSARY		X
DIGITAL ALTIMETER	SELECT CLEARED FL OR ALTITUDE	X	X
AUTOPILOT	SELECT M (GS >550KM/H) or V (GS=<550 KM/H)	X	
THROTTLE	IDLE	X	
FUEL QUANTITY	CHECK		X
CALL DESCENT CHECKLIST			
TA	SET QNH	X	X
ALT < 10000 FT (3000 M)	SPEED 450KM/H MAX	X	X
LANDING LIGHT	ON	X	

APPROACH PROCEDURE			
PILOT FLYING	CALL EXECUTE APPROACH PROCEDURE	X	
AUTOPILOT	PREPARE NAV OFF	X	
	PREPARE LANDING ON	X	
SPEED	REDUCE FLAP 0 SPEED	X	X
GEAR	DOWN // PM CALL GEAR DOWN		X
SPEEDBRAKE	RETRACT		X
LOC ILS ALIVE	AUTOPILOT APP mode		X
GLIDE SLOPE CENTER	AUTOPILOT GS mode		X
IF PF REQUIRED	AUTOTHROTTLE S		X
SPEED	REDUCE FLAP SPEED		X
TOUCH	REVERSE ON	X	

AFTER LANDING PROCEDURE			
WHELL STEER	63°	X	
LANDING LIGHT	OFF	X	
TAXI LIGHT	ON	X	
FLAPS	UP		X
SPEEDBREAK	RETRACT		X
RADAR	OFF		X
PITOT HEAT	OFF		X
TRANSPONDEUR	STANBY	X	
DEPRESSURISATION	DUMP VALVE OR OPEN WINDOWS		X
IF NIGHT	APU START		X
	APU POWER ON		X

PARKING PROCEDURE			
TAXI LIGHT	OFF	X	
PARKING BRAKE	SET	X	
SEATBELT SIGN	OFF	X	
OVERHEAD ELECTRIC SWITCH	OFF	X	X
DOPPLER	OFF	X	
RADIO	OFF	X	
WINDSHIELD HEAT	OFF		X
BLEED AIR	OFF		X
AIR CONDITIONING	OFF		X
ENGINES	OFF		X
FUEL SWITCHES	OFF		X
GENERATOR CONNECT	OFF		X
MSRP	OFF		X
ICE DETECTION	OFF		X
AGENT ARM	OFF		X
NAV LIGHT	OFF		X
BEACON LIGHT	OFF		X
POP UP GROUND	GEAR BLOCK ON	X	X
PARKING BREAK	OFF	X	
IF NIGHT	APU STOP		X
	APU POWER OFF		X
POP UP GROUND	SERVICE PAX AND CARGO >> ACTIVE	X	
RECT N1 N2	OFF		X
BATTERIES N1 N2 N3 N4	OFF		X

POWER UP CHECKLIST

ELECTRIC SET : APU ON / GROUND POWER OFF
POP UP GND : SERVICE OFF (ALL GREEN)
CLAIRANCE : OBTAIN

BEFORE START CHECKLIST

CLAIRANCE CHECK
BRIEFING :
 PROCEDURE SID
 NAVIGATION NVU
 NAV1 / NAV2
 V1 VR V2
 RETURN IF FAILURES

FUEL SET : CHECK
LATITUDE SET / HSI SET / ADF SET : CHECK

START ENGINES CHECKLIST

QNH PF/PM/ENGINEER : CROSS CHECK
ENGINE : NORMAL
AIR CONDITIONNED : NORMAL
ABSU : ARMED
NVU : ON
FLAPS : 15
TRANSPONDER : STANBY

BEFORE LINE_UP CHECKLIST

HDG : AXIS RUNWAY
SPOILER : RETRACT
LANDING LIGHT : ON
TAKE OFF BRIEFING : CHECK

CRUISE CHECKLIST

FUEL CHECK
PRESSURISATION
CHECK WEATHER
CHART ENROUTE AND DESTINATION

DESCENT CHECKLIST

ARRIVAL PROCEDURE : CHECK
NAVIGATION CHECK
DIGITAL ALTIMETER SET
METAR DESTINATION OBTAIN
FUEL QUANTITY NORMAL