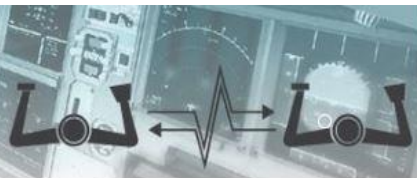


Vol en duO



PROCEDURES Airbus A320 FF

PRE REQUIS :

- Lire les check listes Pré Requis
- Appliquer les réglages de Pré Connexion relatif à l'appareil

VolenduO : Groupe pratiquant le vol en cockpit partagé

Site : Cliquez sur l'image au dessus http://www.serv-rv.fr/Forum_vpi/

Contact : volenduo@laposte.net

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VolenduO : Group practicing shared cockpit flight

Site: Click on the image above (http://www.serv-rv.fr/Forum_vpi/)

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Documents techniques , technical documents :

<http://www.smartcockpit.com/plane/AIRBUS/A320.html>

http://a320dp.com/A320_DP/menu.html

<https://www.flightpilote.fr/apprendre-le-pilotage-dun-airbus-a320>

MERCI JACQUES :-)

<https://skywaypublic.ru/index/a320im/0-10>

Ce document a été construit pour être utilisé en cockpit partagé (Smartcopilot) avec l'Airbus A320 de Flight Factor.

Les parties concernant les chargements du carburant, des pax, du fret sont spécifiques à cet add-on.

Hormis ces spécificités, les procédures et checklist associées peuvent être utilisées par les Airbus de la série A32x, A31x

PF = Pilot Flying
PM Pilot Monitoring

Les procédures sont réalisées de mémoire :-)

Le PF appelle la checklist qui est lue par le PM
Le PF vérifie et confirme les items de la checklist

"C/L down to the line" signifie que la checklist est lu jusqu'au trait gras.

"C/L below the line" signifie que la checklist est lu après le trait gras.

Les zones en vert clair définissent des actions réalisées en parallèle.

Notes spécifiques à Smartcopilot :
MASTER : pilote qui initie la connexion
SLAVE : pilote qui rejoint la connexion

Annexes : Panels description

This document was built for use in a shared cockpit (Smartcopilot) with the Airbus A320 Flight Factor .
The parts concerning fuel, pax and freight loading are specific to this add-on.

Apart from these specificities, the associated procedures and checklist can be used by the Airbus A32x series

PF = Pilot Flying
PM = Pilot Monitoring

The procedures are performed by memory :-)

The PF calls the checklist which is read by the PM
The PF checks and confirms the items of the checklist

"C / L down to the line" means that the checklist is read up to the bold line.

"C / L below the line" means that the checklist is read after the bold line.

The light green areas define actions carried out in parallel.

Notes specific to Smartcopilot:
MASTER: pilot who initiates the connection
SLAVE: pilot joining the connection

Appendices: Description Panels

PF		PM	
FUEL USING REFUELING PANEL (overhead)			
MASTER >> FUEL TRUCK (EFB)	CALL		
IF USING REFUELING PANEL ON OVERHEAD			
BAT	ON		
EXT POWER	AS RQRD		
POWER	ON		
PRESELECTED (FUEL QUANTITY)	SET		
CTL	ON		
Then when done : CTL	OFF		
POWER	OFF		
EFB FUEL PANEL	GET	EFB FUEL PANEL	GET
IF USING EFB FUEL PANEL			
MASTER ADJUST QUANTITY + PUSH SET ... THEN ... SLAVE PUSH GET			
MASTER >> FUEL TRUCK (EFB)	REMOVE		

PAYLOAD			
USING PAX PANEL (EFB)			
MASTER >> AIRSTAIRS	CALL		
CABIN A B C	SET	CABIN A B C	SET
VALIDATE (MASTER AND SLAVE) SET BUTTON			
MASTER >> AIRSTAIRS	REMOVE		
USING CARGO PANEL (EFB)			
MASTER >> BAGAGE LOADER	CALL		
CARGO 1 3 4 5 (CARGO 5 MAX)	SET	CARGO 1 3 4 5 (CARGO 5 MAX)	SET
VALIDATE (MASTER AND SLAVE) SET BUTTON			
MASTER >> BAGAGE LOADER	REMOVE		
EFB Cross check the PERF DATA Tab SET BUTTON			

PRELIMINARY COCKPIT PREPARATION			
		ENG MASTERS 1, 2	OFF
		ENG MODE selector	NORM
		WEATHER RADAR	OFF
		L/G lever	DOWN
		Both WIPER selectors	OFF
		BAT	CHECK / AUTO
		EXT PWR	AS RQRD
		AIR STARTER UNIT (ASU)	AS RQRD
		AIR COND panel	SET
		COCKPIT LIGHTS	AS RQRD
		ECAM OXY PRESS >> DOOR	CHECK
		ECAM HYD QTY > HYD	CHECK
		ECAM ENG OIL QTY > ENG	CHECK
		FLAPS	CHECK POSITION
		EMER EQPT	CHECK
		SPD BRK lever	CHECK RET AND DISARMED
		PARKING BRAKE handle	ON
		ACCU/BRAKES PRESS	CHECK AND PRESSURIZE IF NECESSARY
COCKPIT LIGHTS	51		
ECAM	CHECK		
RCL pb	PRESS 3 s		

COCKPIT PREPARATION



ALL WHITE LIGHTS	EXTINGUISH		
<i>RCDR GND CTL pb-sw (NI)</i>	<i>ON</i>		
<i>CVR TEST pb (NI)</i>	<i>PRESS</i>		
<i>CAPT & PURS / CAPT sw (NI)</i>	<i>AS RQRD</i>		
ALL IR MODE selector	NAV		
MCDU :			
INIT A PAGE	FILL		
ADIRS POSITION INITIALIZATION	AS APPROPRIATE		
EXTERIOR LIGHTS	SET		
SIGNS	SET		
PROB/WINDOW HEAT	AUTO		
LDG ELEV	AUTO		
PACK FLOW :			
LO = less than 115 pax			
NORM = 115 pax or more	AS RQRD		
HI = abnormal hot and humid conditions			
ELEC panel	CHECK		
BAT	CHECK		
ENG FIRE	CHECK / TEST		
<i>AUDIO SWITCH (NI)</i>	<i>NORM</i>		
VENT panel	CHECK		
PA (3rd Occupant on overhead)	RECEPT		
MAINTENANCE panel	CHECK		
ISIS	CHECK		
CLOCK	CHECK / SET		
A/SKID & N/W STRG sw	ON		
ACP	CHECK		
SWITCHING PANEL	NORM		
THRUST LEVERS	CHECK IDLE		
ENG MASTERS	CHECK OFF		
ENG MODE selector	CHECK NORM		
GRAVITY GEAR EXTN	CHECK STOWED		
ATC	AUTO		
RMP SET BY MASTER (SMARTCOPILOT)			
NAV CHARTS CLIPBOARD	PREPARE		NAV CHARTS CLIPBOARD PREPARE
			REQUEST CLEARANCE OBTAIN
			TRANSPONDER SET
MCDU	PREPARE		MCDU CHECK
BAROMETRIC REFERENCE	SET		BAROMETRIC REFERENCE SET
FD	CHECK ON		FD CHECK ON
LS/ILS	AS RQRD		LS/ILS AS RQRD
ND mode and range	AS RQRD		ND mode and range AS RQRD
VOR / ADF selector	AS RQRD		VOR / ADF selector AS RQRD
FCU	SET		
OXY MASK	TEST		OXY MASK TEST
PFD-ND brightness	AS RQRD		PFD-ND brightness AS RQRD
LOUDSPEAKER knob	SET		LOUDSPEAKER knob SET
PFD-ND	CHECK		PFD-ND CHECK
LDG ELEV (ECAM)	CHECK AUTO		IRS ALIGN CHECK
ECAM STATUS	CHECK		
TAKEOFF BRIEFING	PERFORM		

BEFORE PUSHBACK OR START

FINAL LOADSHEET	CHECK		FINAL LOADSHEET	CHECK
FOB	CHECK		FOB	CHECK
MCDU PERF TO page	SELECT		MCDU F-PLN page	SELECT
			APU FIRE	CHECK / TEST
			APU	START
			APU BLEED	ON
			EXT PWR DISCONNECTION	REQUEST

BEFORE START C/L down to the lineCOMPLETE

			PUSHBACK / START CLEARANCE	OBTAIN
			ATC	SET FOR OPERATION
WINDOWS / DOORS	CHECK CLOSED		WINDOWS / DOORS	CHECK CLOSED
SLIDES	CHECK ARMED		SLIDES	CHECK ARMED
EXTERIOR LIGHTS	SET			
THRUST LEVERS	IDLE			
ACCU PRESS	CHECK			
NW STRG DISC	AS RQRD			
PARK BRK	ON			
CHOCKS	OFF			

BEFORE START C/L below the line.....COMPLETE

ENGINE START POWER

ENG MODE selector	IGN/START		
ENG N 2 START	ANNOUNCE		
ENG MASTER N 2 ON ENG IDLE PARAMETERS	CHECK		ENG MASTER N 2 ON ENG IDLE PARAMETERS MONITORING
ENG 2 START	ANNOUNCE		
REPEAT THE START SEQUENCE			

AFTER START POWER

ENG MODE selector	NORM		
APU BLEED pb-sw	OFF		GND SPOILERS ARM
ENG ANTI ICE pb-sw	AS RQRD		RUD TRIM ZERO
WING ANTI ICE pb-sw	AS RQRD		FLAPS SET
APU MASTER SW	AS RQRD		PITCH TRIM SET
ECAM STATUS	CHECK		ECAM STATUS CHECK
N/W STEER DISC MEMO	CHECK NOT DISPLAYED		

AFTER START C/L.....COMPLETE


TAXI 

EXTERIOR LIGHTS SET	TAXI CLEARANCE OBTAIN
PARKING BRAKE handle OFF	BRAKES PRESSURE CHECK AT ZERO
THRUST LEVERS AS RQRD	
BRAKE CHECK	
TILLER or RUDDER PEDALS USE AS RQRD	
FLT CTL CHECK	FLT CTL CHECK
FMS REVISED T.O PERF DATA CROSSCHECK	FMS REVISED T.O PERF DATA CROSSCHECK
EFB/MCDU GREEN DOT COMPARE	
	FLAPS lever AS APPROPRIATE
	FMS F-PLAN / SPD CHECK
	FCU ALT/HDG SET
	BOTH FD CHECK ON
	PFD/ND CHECK
PFD/NDCHECK CHECK	
TAKEOFF BRIEFING CONFIRM	
	RADAR ON
	ATC CODE / MODE CONFIRM / SET FOR TAKEOFF
TERR ON ND AS RQRD	TERR ON ND AS RQRD
	AUTO BRK MAX
	T.O CONFIG pb TEST
	T.O MEMO CHECK NO BLUE

BEFORE TAKEOFF C/L down to the lineCOMPLETE 

BEFORE TAKEOFF

	BRAKE TEMP (if brake fan running) CHECK
	BRAKE FAN pb-sw (if brake fan running) OFF
	TAKEOFF / LINE UP CLEARANCE OBTAIN
	TCAS Mode selector TA or TA/RA
APPROACH PATH CLEARED OF TRAFFIC	APPROACH PATH CLEARED OF TRAFFIC
	CABIN CREW ADVISE
	ENG MODE selector AS RQRD
SLIDING TABLE STOW	SLIDING TABLE STOW
THRUST BUMP AS RQRD	
TAKEOFF RUNWAY CONFIRM	TAKEOFF RUNWAY CONFIRM
	PACKS 1+2 AS RQRD

BEFORE TAKEOFF C/L below the lineCOMPLETE 

TAKEOFF

		TAKEOFF CLEARANCE	OBTAIN
EXTERIOR LIGHTS	SET		
TAKEOFF	ANNOUNCE		
BRAKES :RELEASE THRUST LEVERS	FLX or TOGA	CHRONO	START
The Captain places hand on thrust levers until V1			
DIRECTIONAL CONTROL	USE RUDDER		
FMA	ANNOUNCE	PFD/ND	MONITOR
•BELOW 80 kt:		N1 (EPR)	CHECK
		THRUST SET	ANNOUNCE
		PFD and ENG indications	MONITOR
•AT 100 kt:		ONE HUNDRED KNOTS	ANNOUNCE
100 kt	CHECK		
•AT V1:		V1	ANNOUNCE
•AT VR:		ROTATION	ORDER
ROTATION	PERFORM		
WHEN POSITIVE CLIMB:		POSITIVE CLIMB	ANNOUNCE
L/G UP	ORDER	L/G	SELECT UP
AP	AS RQRD		
•AT THR RED ALT:		PACK 1+2 (if applicable)	ON
THRUST LEVERS	CL		
•AT F SPEED:		FLAPS 1	SELECT
FLAPS 1	ORDER		
•AT S SPEED:		FLAPS 0	SELECT
FLAPS 0	ORDER		
		GND SPLRS	DISARM
		EXTERIOR LIGHTS	SET

AFTER TAKEOFF

		APU BLEED pb-sw	AS RQRD
		APU MASTER SW	AS RQRD
		ENG MODE selector	AS RQRD
		TCAS Mode selector	TA/RA
		ANTI ICE pb-sw	AS RQRD
AFTER TAKEOFF CLIMB C/L down to the lineCOMPLETE			

CLIMB ↑↑↑

MCDU	PERF CLB		MCDU	F-PLN
FCU / FMGS	SET IF AP ON		FCU / FMGS	SET IF AP OFF
•At transition altitude:				
BAROMETRIC REFERENCE	SET STD / XCHECK		BAROMETRIC REFERENCE	SET STD / XCHECK
AFTER TAKEOFF CLIMB C/L below the lineCOMPLETE				
RADAR	ADJUST AS APPROPRIATE		ENG ANTI ICE	AS RQRD
•At 10 000 ft:				
			LAND LIGHTS selector	RETRACT
			SEAT BELTS sw	AS RQRD
EFIS OPTION	AS RQRD		EFIS OPTION	AS RQRD
			ECAM MEMO	REVIEW
			NAVAIDS	CLEAR
			SEC F-PLN	AS RQRD
			OPT / MAX ALT	CHECK

CRUISE

ECAM MEMO / SD PAGES	REVIEW		ECAM MEMO / SD PAGES	REVIEW
FLIGHT PROGRESS	CHECK		FLIGHT PROGRESS	CHECK
FUEL	MONITOR		FUEL	MONITOR
NAVIGATION ACCURACY	MONITOR		NAVIGATION ACCURACY	MONITOR
RADAR	ADJUST AS APPROPRIATE			

DESCENT PREPARATION

		WEATHER AND LANDING INFORMATION	OBTAIN
NAV CHARTS CLIPBOARD	PREPARE	NAV CHARTS CLIPBOARD	PREPARE
LANDING CONDITIONS	CONFIRM	LANDING CONDITIONS	CHECK
•If landing conditions change:			
LANDING PERF DATA	COMPUTE	LANDING PERF DATA	COMPUTE
LANDING PERF DATA	CROSSCHECK	LANDING PERF DATA	CROSSCHECK
FMS	PREPARE	FMS PREPARATION	CHECK
		GPWS LDG FLAP 3	AS RQRD
LDG ELEV	CHECK		
AUTO BRK	AS RQRD		
APPR BRIEFING	PERFORM		
TERR ON ND	AS RQRD	TERR ON ND	AS RQRD
RADAR	ADJUST AS APPROPRIATE		
		ENG ANTI ICE pb-sw	AS RQRD
		WING ANTI ICE pb-sw	AS RQRD
CLEARED ALTITUDE ON FCU	SET	DESCENT CLEARANCE	OBTAIN

DESCENT

DESCENT	INITIATE		
MCDU	PROG / PERF DESCENT	MCDU	F-PLN
DESCENT	MONITOR / ADJUST		
•When the aircraft approaches the transition level, and when cleared for an altitude:			
BAROMETRIC REFERENCE	SET / XCHECK	BAROMETRIC REFERENCE	SET / XCHECK
		ECAM STATUS	CHECK
•At 10 000 ft:			
		LAND LIGHTS sw	SET
		SEAT BELTS sw	ON
EFIS option pb	.CSTR	EFIS option pb	CSTR
LS pb	AS RQRD	LS pb	AS RQRD
		RADIO NAV	SELECT / IDENT
		ENG MODE selector	AS RQRD
•If GPS PRIMARY not available:			
NAV ACCY	CHECK		
APPROACH CHECKLIST COMPLETE			

AIRCRAFT CONFIGURATION FOR APPROACH

INITIAL APPROACH			
F-PLN SEQUENCING	ADJUST		
•Approx 15 NM from touchdown:			
<i>APPR PHASE ACTIVATE or set green dot</i>			
MANAGED SPEED	CHECK		
FLIGHT PATH	MONITOR	<i>NAV ACCURACY</i>	<i>MONITOR</i>
SPEED BRAKES lever	AS RQRD		
RADAR	ADJUST AS APPROPRIATE		
INTERMEDIATE / FINAL APPROACH:			
•At green dot:			
FLAPS 1	ORDER	FLAPS 1	SELECT
<i>SPEED..... CHECK OR SET</i>			
		TCAS	TA or TA/RA
•At 2 000 ft AGL minimum:			
FLAPS N	ORDER	FLAPS N	SELECT
<i>F SPEED..... CHECK OR SET</i>			
When FLAPS 2:			
/G DOWN	ORDER	L/G	SELECT DOWN
		AUTO BRAKE	CONFIRM
		GRND SPLRS	ARM
		EXTERIOR LIGHTS	SET
•When LIG down:			
FLAPS 3	ORDER	FLAPS 3	SELECT
		ECAM WHEEL PAGE	.CHECK
•When FLAPS 3:			
FLAPS FULL	ORDER	FLAPS FULL	SELECT
<i>SPEED TARGET..... CHECK OR SET</i>			
		A/THR	CHECK SPD or OFF
		WING A. ICE (if not required)	OFF
SLIDING TABLE	STOW	SLIDING TABLE	STOW
ALL EFB (with no mounted equipment)	STOW	ALL EFB (with no mounted equipment)	STOW
		LDG MEMO	CHECK NO BLUE
CABIN REPORT	RECEIVE	CABIN REPORT	RECEIVE
LANDING CHECKLIST COMPLETE			
ANNOUNCE ANY FMA MODIFICATION		FLT PARAMETERS	MONITOR
		Announce any deviation in excess of:	
		• V/S: 1 000 ft/min	
		• IAS: speed target h 10 kt; speed target - 5 kt	
		• PITCH: N.5 ° nose down; 10 ° nose up	
		• BANK: 7 °	

APPROACH USING LOC GIS GUIDANCE

DESCENT PREPARATION:		
APPROACH MINIMUM	DETERMINE	
APPROACH BRIEFING	PERFORM	
INITIAL / INTERMEDIATE APPROACH:		
APPR pb on FCU	PRESS	
BOTH AP	ENGAGE	
LOC	CHECK ARMED	
G/S	CHECK ARMED	
LOC CAPTURE	MONITOR	
G/S CAPTURE	MONITOR	
GO AROUND SET		
FINAL APPROACH:		
		FLT PARAMETERS
		MONITOR
Announce any deviation in excess of:		
• LOC: ½ dot		
• GLIDE: ½ dot		
•At 350 ft :		
LAND mode	CHECK ENGAGED / ANNOUNCE	
For CATI, CATII and CATIII with DH approach:		
•At minimum h100 ft:		
•At minimum:		
CONTINUE OR GO-AROUND	ANNOUNCE	MONITOR OR ANNOUNCE
For CATIII with no DH approach:		
•At 100 ft RA:		
If no failure detected		
CONTINUE	ANNOUNCE	MINIMUM ANNOUNCE

APPROACH USING FINAL APP GUIDANCE

DESCENT PREPARATION:	
F-PLN A Page	CHECK
PROG Page	COMPLETE
GO AROUND STRATEGY	REVIEW
DESCENT:	
•At 10 000 ft:	
NAV ACCURACY	CHECK
•For RNAV(GNSS):	
GPS PRIMARY	CHECK
BARO REF	SET
INITIAL / INTERMEDIATE / FINAL APPROACH:	
POSITION	MONITOR
APPR pb on FCU	PRESS
APP NAV	CHECK ARMED or ENGAGED
FINAL	CHECK ARMED
•At Final Descent Point:	
FINAL APP	CHECK ENGAGED

WEATHER AND LANDING INFO	OBTAIN
F-PLN A Page	CHECK
PROG Page	COMPLETE

GO AROUND ALT..... SET

At minimum h100 ft:	
•At minimum:	
CONTINUE OR GO-AROUND	ANNOUNCE

FLT PARAMETERS	MONITOR
Announce any deviation in excess of:	
• XTK > 0.1 NM	
• V/DEV > ½ dot	
ONE HUNDRED ABOVE	MONITOR OR ANNOUNCE
MINIMUM	MONITOR OR ANNOUNCE

APPROACH USING FPA GUIDANCE

DESCENT PREPARATION:			
F-PLN A Page	CHECK	F-PLN A Page	CHECK
PROG Page	COMPLETE	PROG Page	COMPLETE
GO AROUND STRATEGY	REVIEW		
DESCENT:			
•At 10 000 ft:			
NAV ACCURACY	CHECK		
•For RNAV(GNSS):			
GPS PRIMARY	CHECK		
INITIAL / INTERMEDIATE / FINAL APPROACH:			
LATERAL GUIDANCE MODE	SET FOR APPROACH		
•For LOC ONLY and ILS GIS OUT			
LOC pb-sw	PRESS		
LOC	CHECK ARMED		
•For back course localizer approaches:			
TRK FPA MODE	USE FOR APPROACH		
LATERAL path	INTERCEPT		
TRK FPA (Bird)	SELECT		
FPA FOR FINAL APPROACH	SET		
•At 0.3 NM from the Final Descent Point:			
FPA selector	PULL		
FPA	CHECK ENGAGED		
POSITION / FLT PATH	MONITOR / ADJUST		
GO AROUND ALT.....SET			
		FLT PARAMETERS	MONITOR
		Announce any deviation in excess of:	
		• Approach using NAV MODE : XTK > 0.1 NM	
		• Approach using LOC MODE : LOC ½ dot	
		• Approach using TRK MODE :	
		. VOR: ½ dot or N.5 °	
		. NDB: 5 °	
		ONE HUNDRED ABOVE	MONITOR OR ANNOUNCE
•At minimum h100 ft:			
•At minimum:			
CONTINUE OR GO-AROUND	ANNOUNCE	MINIMUM	ANNOUNCE

MANUAL LANDING

•In stabilized approach conditions, at approx. 30 ft:			
FLARE	PERFORM	ATTITUDE	MONITOR
THRUST LEVERS	IDLE		
•At touchdown:			
DEROTATION	INITIATE		
BOTH THRUST LEVERS	REV MAX or REV IDLE	GRND SPLRS	CHECK / ANNOUNCE
		REVERSERS	CHECK / ANNOUNCE
DIRECTIONAL CONTROL	ENSURE	DIRECTIONAL CONTROL	MONITOR
BRAKES	AS RQRD	DECELERATION	CHECK / ANNOUNCE
•At 70 kt:			
BOTH THRUST LEVERS	REV IDLE	SEVENTY KNOTS	ANNOUNCE
•At taxi speed:			
BOTH THRUST LEVERS	FWD IDLE		
•Before 20 kt:			
AUTOBRK	DISENGAGE		

AUTOLAND

•At 350 ft RA			
ILS/GLS 8 /MLS 8 COURSE ON PFD	CHECK		
•At 40 ft RA			
		FLARE mode	CHECK ENGAGED / ANNOUNCE
•At 30 ft RA			
		THRUST IDLE mode	CHECK
•At 10 ft RA : autocalllout "RETARD"			
BOTH THRUST LEVERS	IDLE		
LATERAL GUIDANCE	MONITOR		
•At TOUCH DOWN			
		ROLL OUT mode	CHECK ENGAGED / ANNOUNCE
BOTH THRUST LEVERS	REV MAX OR REV IDLE		
		GRND SPLRS	CHECK / ANNOUNCE
		REVERSERS	CHECK / ANNOUNCE
DIRECTIONAL CONTROL	MONITOR / ENSURE	DIRECTIONAL CONTROL	MONITOR
BRAKES	AS RQRD		
		DECELERATION	CHECK / ANNOUNCE
•At 70 kt :			
BOTH THRUST LEVERS	REV IDLE	SEVENTY KNOTS	ANNOUNCE
•Before 20 kt:			
AUTO BRK	DISENGAGE		
•End of roll out			
BOTH THRUST LEVERS	FWD IDLE		
AP	OFF		

GO AROUND

THRUST LEVERS	TOGA		
ROTATION	PERFORM		
GO-AROUND	ANNOUNCE		FLAPS lever SELECT AS RQRD
FMA	ANNOUNCE		
			POSITIVE CLIMB ANNOUNCE
L/G UP	ORDER		L/G UP
AP	AS RQRD		
NAV or HDG mode	AS RQRD		
•AT GA THR RED ALT:			
THRUST LEVERS	CL		
•AT GA ACCEL ALT:			
SPEED	MONITOR		
•AT F SPEED:			
FLAPS 1	ORDER		FLAPS 1 SELECT
•AT S SPEED:			
FLAPS 0	ORDER		FLAPS 0 SELECT
			GND SPLRS DISARM
			EXTERIOR LIGHTS SET

AFTER TAKEOFF CLIMB C/L down to the lineCOMPLETE



AFTER LANDING



GRND SPLRS	DISARM		
EXTERIOR LIGHTS	SET		
			RADAR OFF
			PREDICTIVE WINDSHEAR OFF
			ENG MODE selector NORM
			FLAPS RETRACT
			TCAS STBY
			ATC AS RQRD
			APU START
			ANTI ICE AS RQRD
			BRAKE TEMP CHECK
AFTER LDG C/L.....COMPLETE			

v

PARKING

ACCU PRESS	CHECK		ANTI-ICE OFF
PARKING BRAKE handle	ON		APU BLEED pb-sw ON
ALL ENG MASTERS	OFF		
SLIDES	CHECK DISARMED		
SEAT BELTS sw	OFF		FUEL PUMPS OFF
EXTERIOR LIGHTS	SET		ATC STBY
GROUND CONTACT	ESTABLISH		IRS PERFORMANCE CHECK
DISPLAY UNIT	DIM		DISPLAY UNIT DIM
			FUEL QTY CHECK
			STATUS CHECK
PARKING BRK	AS RQRD		BRAKE FAN OFF
PARKING C/L.....COMPLETE			

SECURING THE AIRCRAFT

PARKING BRK	CHECK ON		
ALL IR MODE selectors	OFF		OXY CREW SUPPLY pb OFF
			EXTERIOR LIGHTS OFF
			MAINT BUS SW AS RQRD
			APU BLEED pb-sw OFF
			APU MASTER SW OFF
			EMER EXIT LT sw OFF
			SIGNS sw OFF
			EXT PWR pb AS RQRD
			BAT 1+2 OFF
SECURING THE A/C C/L.....COMPLETE			