## ATTACHMENT G

# Excerpts from the FedEx B-727 Flight Manual, Volume 1

(4 pages)

#### GENERAL LIMITATIONS

# B-727 FLIGHT MANUAL



#### **B-727-200 Structural Weights**

Condition .	201-217	218-223, 254- 288	233-237, 240-246, 479-482, 489, 490, 497-499	461-469, 477, 478, 483-488, 491-496
MAX RAMP	204,000	197,700	191,000	191,000
MAX TAKEOFF GROSS WEIGHT	203,100 <sup>1</sup>	197,000 <sup>2</sup>	190,500 <sup>3</sup>	190,500
MAX LANDING WEIGHT	164,000 <sup>4</sup>	164,000	161,000	161,000
MAX ZERO FUEL WEIGHT	155,000	155,000	150,000	150,000
MAX FLAPS 25° TOGW	195,500	195,500	186,300	N/A

1. Reduce by 200 lb. for each 1000 ft. above 2000 ft. Pressure Altitude.

2. Reduce by 170 lb. for each 1000 ft. above 2000 ft. Pressure Altitude.

3. Reduce by 125 lb. for each 1000 ft. above 2000 ft. Pressure Altitude.

4. Aircraft 203, 204, 211 and 213 have a Max Landing Weight of 166,000 lb..

B-727 Stage 3 Noise Limit Weights

ENGINES <sup>1</sup>	MAX RAMP	MAX TOGW	MAX LANDING
-15 HUSHKIT (3) <sup>2</sup>	200,315	199,515	164,000
-15 HUSHKIT (3) <sup>3</sup>	199,850	199,050	164,000
-17 HUSHKIT (3)	200,400	199,500	166,000
-217 (2)/-17 (1)	204,000	203,100	164,000

1. -7 powered -100 aircraft are NOT Stage 3 noise limited below Max Structural Weights.

2. JT8D-15 with increased area tailpipe.

3. JT8D-15 with standard area tailpipe.

Grentificanies       Societ       Dissect Plane Lever       Contraction       Dissect Plane Lever       Contraction       Distribution       Societ       Section       Sectin       Section       Sectin<	IN RANGE			_	AFTER LANDING	"	•		SHUT DOWN		•
Ights   File   Autoched   Nullett Power     i   i   i   i   i     i   i   i   i   i     i   i   i   i   i     i   i   i   i   i     i   i   i   i   i     iii   i   i   i   i     iii   i   i   i   i     iii   i   i   i   i     iiii   i   i   i   i     iiiii   iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Incuit Breakers	•	Check			t	Checked, Detent		Parking Brake	U	tes.
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mo       me       Air required internation       Free Boost Pampes       Free Boost Pampes       S         H       =       Complete       S       Air Mercencer       S       Hydraulic Pampes       S         H       =       Complete       S       Air Mines       S       Air Mercencer       S       Hydraulic Pampes       S       S       Hydraulic Pampes       S       S       Hydraulic Pampes       S <t< td=""><td>PR Bugs</td><td>ŧ</td><td>G/A</td><td></td><td></td><td>n   •</td><td>As required</td><td><u>.</u></td><td>Ignition</td><td>••</td><td>Je la la</td></t<>	PR Bugs	ŧ	G/A			n   •	As required	<u>.</u>	Ignition	••	Je la
Hit     Essential Power     Centrator 2     Hydraulic Power     Autorulic Power<	IP Elevator Servo	ŧ	As required			n		▲ -	Fuel Boost Pumps	•	<del>l</del> lo
H      Complete   Actimates selectors is anultant rower     C   Set     Fight/Grad Switch is in the intelled   Set     Fight Pack   Set     Find     Find				<b>A</b>		••	Generator 2	<u><u> </u></u>	Hydraulic Pemps	5	2A On, 18 Off
c     Complete     Fuel Boost Pamps     S     Checked     No       C     Set	APPROACH			<b>A</b>	AC Meters Selector	5	APU/EXT POWER	<u>.</u>	Cargo Door	<b>9</b> 7	Am
Constraint   Chrocterol   Perdung Brate   C     C   Set   1   Vindow Heat   5     ANDINO   S   Chrocterol   Set     ANDINO   S   Chrocterol   Set     Image   Commulty   S   Chrocterol     Fight/Grad   Switch   S   Chrocterol     Fight/Grad   Switch   S   Chrocterol     Fight/Bradie   S   S   S     Figes   S   S   S <	Itlefing	U	Complete		_		One Per Tank	<u>.</u>	Escape Silde Bar	•	Stowed -
Construction     Set     Construction     Set     Construction     Set       Landbind     min     Down, h, 3 Green     5 end     Windown Heat     Fight/Grid Switch     5 end     Windown Heat     Fight/Grid Switch     5 end     Fight/Grid Switch	Mineters	t	5	<b>A</b>	•	S	Checked	-	Parking Brake	υ	As required
Landning     Presentration     s     set     Termination       Image: State streep/Not Installed     Fight/Grid Switch     s     off     r       Image: State streep/Not Installed     Fight/Grid Switch     s     off     r     r       Image: State streep/Not Installed     Fight/Grid Switch     s     off     r     r     r       Image: State streep/Not Installed     Fire     As recep/Not Installed     File     s     r     r     r       Image: File     File     State streep/Not Installed     File     s     off     r     r     r     r       Image: File     File     State streep/Inted     s     As recep/Inted     s     r	dintmome	1	3	<u>.</u>	Oil Quantity	S	Checked				
Landning   Stant as required   Nindow Heat     mr   Down, In, 3 Green   N     mr   Down, In, 3 Green   N     mr   Scherched   S     mr   As req/Not Installed   No     mr   Constribution   S     mr   On   S     S   Checked     S   Contexted     S   Contex		,			Pressurization	s	Set		TERMINATIO	Z	
Print     Down, In, 3 Green     Fight     Pack     s     Off     Hydraulic Panel       nr     As reqrifted     F     As required     Hydraulic Panel     Hydraulic Panel     Hydraulic Panel     Hydraulic Panel     Feets     Statistical     Statistical <td>BEFORE LAN</td> <td>DING</td> <td></td> <td></td> <td>Flight/Gnd Switch</td> <td>8</td> <td>Gnd</td> <td></td> <td>Window Heet</td> <td></td> <td>Off</td>	BEFORE LAN	DING			Flight/Gnd Switch	8	Gnd		Window Heet		Off
5     Checked     >     APU     5     Stant as required     ><	anding Gear	ANG	Dom. In. 3		Right Pack	s	Off		Emer Exit Lights	-	Off
mr   As req/initialed   Left Pack   s   As required   Packs     mr   As req/initialed   Planed   Packs   s   Packs   s     mr   As req/initialed   Planed   Sheed Alt Switchess   s   Open   s     mr   Cross-Checkled, No Flags   Sheed Alt Switchess   s   Open   s   s     mr   No Flags   Cross-Checkled, Shutchown   S   Shutchown   As required   s     mr   No Flags   Cross-Checkled, Shutchown   S   Copen   s   s     mr   Mo Flags   Checked   S   S   S   s     s   Set   S   S   S   S   s     s   Sol, Ughts Out   S   S   S   S   S     s   On, Ughts Out   S   S   S   S   S		5	Checked		APU	wn.	Start as required	<b></b>	Hydraulic Panel	•	As required
mr     As req/Not installed     Dised Al: Switches     s     Open       mr     Cross-Checked,     No Flags     Coss-Checked,     No Flags       mr     Cross-Checked,     Single Engine     C     Shurdown     As req       mr     No Flags     C     Shurdown     As req     No Flags     Single Engine     C       mr    Green Ught     S     Ready On     As red     D     Each     S       mr    Green Ught     S     Ready On     S     Each     S     S       mr    Green Ught     S     Cherred To Land     P     Eachos, Radio, Fision     S       s     Set	Autobrakes	ŧ		<b>A</b>	Left Pack		As required		Pacts	n	Gr.
Mrr.     Cross-Checked, No Flags     Single Engine     C     Shurdown     As req     A PU     s       No Flags     No Flags     5     Ready On     5     Ready On     5       mre     Mr     Joreen Ught     5     Ready On     5     Eastery     5       moe     Pris     Cleared To Land     7     7     7     7     7       s     Set     Masters     5     Checked     7     7     7     7       s     On, Ughts Out     1     7     7     7     7     7     1     5     7     7     1     5     7     7     1     5     7     1     5     7     1     5     7     1     5     7     1     5     7     1     5     1     5     1     5     7     1     5     1     5     1     5     1     5     1     5     1     5     1     5     1     5     1     5     1     5     1     1     5     1     1     5     5	Auto Spollers	1Nd	As req/Not installed		Bleed Alr Swhches	m	Open		Gasper Fan	5	Off
No Flags   No Flags     nm   Mr     nm   Green Ught     nm   Green Ught     nm   Green Ught     s   Set     s   Set     hasters   Set     s   Cherred To Land     s   Set     hasters   Set     nm   Masters     s   Cherred Lights     s   Cherred Set     s   Cherred Set     s   Cherred Set     nm   Masters	Fit & Nav Inst	ł	Cross-Checked,		Single Engine	v	Shutdown _/As raq	<b>A</b>	APU	•	As required
mr   L   Green Ugitt     mce   Prs   Cleered To Land     s   Set   Radios, Radio     s   Set   Masters     s   Checked   Famel Lights     s   Checked   S     nmr<			No Flags		LINODINUS	n		<u> </u>	Battery	n	As required
Ince     Pris     Cleared To Land       5     Set     Masters       8     Checked     Famili Lights       8     Checked     S       1     The On     S       1     The On     S	laps	ŧ	Green Light					<b>A</b>	DC Meter Selector	•	TR 1
s Set Marters s Chacted s Chacted AML Entries s AML Entries s AML Entries s	Landing Clearance	M	Cleared To Land					<b>A</b>	Radios. Radio		
S   Checked     S   Checked     S   On-Ughts Out     Image: The On	tuel Panel	5	Se						Masters	r	Off/Not Installed
s Checked s On, Ughts Out	Hydraulic &				-			<b>A</b>	Panel Lights	•	Off
	Brake System	5						<b>A</b>	AML Entries	w.	Complete
144 144	Antistid	•									,
	Landing Lights	Ł	δ			,					
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B-727 -200 Non GPS Equipped Aircraft Abbreviated Checklist

3-0-0-8

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20 February 2002

GENERAL

## B-121 FLIGHT MANUAL

**FEOLEXX.** Express

FedEx M-3118 6 June 2001



8-721 FLIGHI MANUAL

**CHAPTER 3-10-0** 

## **APPROACH**

## AMPLIFIED APPROACH CHECKLIST

#### (Second Officer Reads)

The pilot flying will call for the Approach Checklist when the following conditions have been met:

- In-Range Checklist complete
- Approach briefing complete
- Below FL 180 (domestic) or...
- Cleared below Transition Level (international)

In the approach environment, in order to decrease cabin noise, the right pack and No. 3 bleed will normally be turned OFF when cabin pressure altitude reaches 200 feet below landing field elevation and 3 psid or less has been reached.

The Approach Checklist must be repeated if the approach is changed.

Briefing	C	Complete	
Brief in accordan	ce with pr	rocedures in Chapte	<b>r 7</b> .
Altimeters	CF	Set	
If not elready ar	monlishe	ed set altimeters to	

If not already accomplished, set altimeters to current area altimeter setting and crosscheck the altimeters.

#### Minimums CF Set

Set the minima on the barometric and/or radio altimeter(s) for the approach being flown and crosscheck.

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3-10-0-1



# B-727 FLIGHT MANUAL

## **CHAPTER 3-11-0**

# **BEFORE LANDING**

### AMPLIFIED BEFORE LANDING CHECKLIST

(Gear Extension)

(Second Officer Reads)

The pllot flying will call for the Before Landing Checklist in combination with commanding the landing gear down, i.e. "Landing gear down, before landing checklist."

### Landing Gear PNF Down, In, 3 Green s Checked

- Check LANDING GEAR lever positioned DOWN and IN, and the 3 green landing gear down and locked indicator lights illuminated.
- The Second Officer's check is a visual verification of 3 green down and locked lights and no red lights.

Autobrakes PNF As Req/Not Installed

If using autobrakes, place AUTOBRAKE switch to desired position. Check that switch holds in selected position, and that AUTOBRAKE DISARM light is extinguished. Select MIN/MED for long dry runways or MED/MAX for wet, slippery and/or short runways.

#### Auto Spoilers PNF As Reg/Not Installed

Arm auto spoilers only after speedbrakes are no longer required for maneuvering. If speedbrakes are used after auto spoilers have been armed, auto spoilers will have to be re-armed.

#### Flight and Navigation Instruments PNF Cross-Checked, No Flags

PNF will ensure that both airspeed indicators and altimeters indicate the same values and identify any instrument flags in view.

Flaps PNF \_\_\_\_\_ Green Light

Check inboard and outboard flaps at landing flap position and green LE FLAPS light illuminated.

GPS AlertsCFInhibit/If installedPush the Alert Inhibit switch on both Remote GPSAnnunciator Panels. Observe the light blue INHBTlights Illuminated.

Landing Clearance	PNF	Clear to Land
Fuel Panel	8	Set
For landing, establish with all boost pumps		k-to-engine configuration
Hydraulic and		
Brake System	8	Checked
the share the supervise of		untity indicators normal

Hydraulic pressure and quantity indicators normal. Brake pressure indicators normal.

►	Antiskid	6	On, Lights Out
	Landing Lights	PNF	On

Use inboard and outboard landing lights, runway turn off lights, and taxi lights for runway lilumination during landing. If weather conditions dictate, turning landing lights on may be delayed until <sup>3</sup>F calls for them.