JEPPESEN Licensed to Elefant air. Printed on 27 Feb 2008. JeppView 3.5.2.0 NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

SOFIA, BULGARIA **MALEPPESEN** LBSF/SOF (10-2)SOFIÁ ATIS Apt Elev Alt Set: hPa 1742' Trans level: By ATC Trans alt: 10830' 124.05 Descent as cleared by ATC. GOLYAMA TWO BRAVO (GOL 2B) GOLYAMA TWO CHARLIE (GOL 2C) RUMEN TWO BRAVO (RUMEN 2B) [RUME2B] RUMEN TWO CHARLIE (RUMEN 2C) [RUME2C] RWYS 09, 27 ARRIVALS S2330 MAX 250 KT BELOW 9850 WITHIN SOFIA TMA FROM NORTHEAST & SOUTHEAST 60LYAMA 114.1 GOL N43 05.7 E024 13.2 7MA =, turn RIGHT, FT/METER CONVERSION D10.8 SOF At 9850' HOLDING OVER GOL 27 09 GOL 2C RUMEN 2B

CHANGES: Altimeter setting

© JEPPESEN SANDERSON, INC., 2003, 2007. ALL RIGHTS RESERVED.

Licensed to Elefant air. Printed on 27 Feb 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007 JEPPESEN JeppView 3.5.2.0

SOFIA, BULGARIA **JEPPESEN** LBSF/SOF 20 JUL 07 (10-2A) SOFIÁ ATIS Apt Elev Alt Set: hPa 6600'\ 100° _ 124.05 1742' Trans level: By ATC Trans alt: 10830 7900 Descent as cleared by ATC. DOTAM ONE BRAVO (DOTAM 1B) [DOTA1B] 6400 10,400' NISVA TWO BRAVO (NISVA 2B) [NISV2B] MSA NISVA TWO CHARLIE (NISVA 2C) [NISV2C] SOF VOR RWYS 09, 27 ARRIVALS 52330 MAX 250 KT BELOW 9850' WITHIN SOFIA TMA FROM SOUTH & NORTHWEST (IAF RWY 09) TMA NISVA N42 58.4 E022 47.9 NISVA 2B **D27.8 SOF** N42 56.7 E022 51.5 At or above FL160 D15.1 SOF At or above (IAF RWY 27) 9850' – SOFIA – 112.6 SOF N42 41.9 E023 23.4 NISVA 2C At 7880' N42 43.3 E022 57.2 MHA 6890 MAX FL 140 MAX 220 KT D3 SOF N42 38.9 E023 23.5 D24.8 SOF D10.8 SOF N42 36.1 E023 23.7 At 9850' D10.8 SOF NOT TO SCALE (IAF RWY 27) DOTAM FT/METER CONVERSION IAF RWY 09 10830 - 3300m TMÁ TMA VANET MOREK 9850' - 3000m N42 17.5 E023 19.2 N42 17.7 E023 24.6 7880' - 2400m - 2100m 6890' STAR RWY ROUTING DOTAM 1B 09 At DOTAM intercept SOF R-174 inbound to D3 SOF, turn LEFT, intercept SOF R-259 to enter BENIL holding at the secondary fix. NISVA 2B Intercept SOF R-299 inbound to D27.8 SOF, turn RIGHT, along SOF 24.8 DME arc, when passing SOF R-279 turn LEFT, intercept SOF R-271 inbound to BENIL holding. NISVA 2C Intercept SOF R-299 inbound to SOF

JEPPESEN Licensed to Elefant air. Printed on 27 Feb 2008. JeppView 3.5.2.0 NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

SOFIA, BULGARIA **MJEPPESEN** LBSF/SOF (10-3) Eff 2 Aug SOFIÁ Trans level: By ATC Trans alt: 10830' **ૺ**૾૾ૢૺૢ 1. Contact SOFIA Radar immediately after take-off. Apt Elev 7900 Radar (APP) 6600° 1742' 2. SIDs are noise abatement procedures. Strict 123.7 adherence within the limits of aircraft performance is 6400 10,400' DILVO TWO ALFA (DILVO 2A) [DILV2A] MSA DILVO THREE ECHO (DILVO 3E) [DILV3E] SOF VOR RWYS 09, 27 DEPARTURES MAX 250 KT BELOW 9850' GOLYAMA-114.1 GOL N43 05.7 E024 13.2 D36.8 GOL N42 51.1 At or below FT/METER CONVERSION E023 27.1 6890 QNH - 690m 4110' - 1250m 6890' - 2100m 7880' - 2400m 9850' - 3000m At or above 112.6 SOF 7880' 10830' - 3300m N42 41.9 E023 23.4 - BAILOVO -117.5 BLO N42 40.0 E023 48.8 092°→ DILVO 2A D1 SOF D3.1 ISF ILS DME - SOFIA -At 2270 (109.5) ISF D1 SOF N42 41.8 E023 26.1 (D3.1 ISF - VAKAREL whichever is 490 WAK later N42 34.5 E023 42.3 NOT TO SCALE These SIDs require a minimum climb gradient 304' per NM (5%) **DILVO 2A:** up to 4110 DILVO **DILVO 3E:** up to 7880' N42 18.6 E023 56.2 Gnd Speed-KT 75 | 100 | 150 | 200 | 250 | 300 At or above 380 506 760 1013 1266 1519 304' per NM 9850' If unable to comply, advise ATC Departure turn MAX 255 KT (Rwy 09)/ MAX 205 KT (Rwy 27) Initial climb clearance By ATC RWY SID DILVO 2A 09 Climb on BLO R-272 inbound to BLO, turn RIGHT, BLO R-162 to DILVO DILVO 3E Climb on SOF R-285 to 2270' or to D1 SOF (D3.1 ISF), whichever is later, turn RIGHT, 020° track, intercept GOL R-244 inbound to D36.8 GOL, turn RIGHT, intercept 150° bearing to WAK, turn LEFT, 144° bearing to DILVO.

CHANGES: SID DILVO 2E renumb 3E & revised; altimeter setting. © JEPPESEN SANDERSON, INC., 2003, 2007. ALL RIGHTS RESERVED.

Licensed to Elefant air. Printed on 27 Feb 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007 JEPPESEN JeppView 3.5.2.0

MJEPPESEN SOFIA, BULGARIA LBSF/SOF 20 JUL 07 (10-3A) Eff 2 Aug SOFIA Trans level: By ATC Trans alt: 10830 SOFIA 1. Contact SOFIA Radar immediately after take-off. 绣 7900' Radar (APP) 6600 2. SIDs are noise abatement procedures. Strict 1742' 123.7 adherence within the limits of aircraft performance is 100° 6400 10,400' ಜ್ನ GODEK THREE ALFA (GODEK 3A) [GODE3A] MSA SOF VOR GODEK THREE ECHO (GODEK 3E) [GODE3E] GODEK THREE UNIFORM (GODEK 3U) [GODE3U] RWYS 09, 27 DEPARTURES 1211 MAX 250 KT BELOW 9850 **GODEK** N43 07.6 E022 59.4 N43 02.1 E023 09.3 **GODEK 3U** FT/METER CONVERSION Turn at 2250' QNH 2250' - 685m SOF 4 DME 2270' -690m (ISL 3.4 DME) - 1370m 4500' whichever is later 6140' - 1870m 6890' - 2100m **TODRO** 9850' - 3000m N42 55.2 E023 21.8 10830' - 3300m NOT TO SCALE D8.1 SOF D9.3 ISF At or below

304' per NM (5%)

GODEK 3A: up to 6140' GODEK 3E: up to 6890 GODEK 3U: up to 4500'

Gnd Speed-KT	75	100	150	200	250	300			
304' per NM	380	506	760	1013	1266	1519			
If unable to comply advise ATC									

Initial climb clearance By ATC								
SID	RWY	ROUTING						
GODEK 3A	09	Climb on BLO R-272 inbound to D8.3 BLO (D10.2 ISL/D10.8 SOF), turn LEFT,						
		intercept BLO R-304 to GODEK.						
GODEK 3E	27	Climb on SOF R-285 to 2270' or to D1 SOF (D3.1 ISF), whichever is later, turn RIGHT, 350° track, intercept SOF R-330, intercept BLO R-304 to GODEK.						
GODEK 3U	09	Climb straight ahead to 2250' or to SOF 4 DME (ISL 3.4 DME), whichever is later, turn LEFT, 282° track, intercept SOF R-352 to TODRO, turn LEFT, intercept RIP B. 2014 to COPE						

initial climb dicardince by A10							
SID	RWY	ROUTING					
GODEK 3A	09	Climb on BLO R-272 inbound to D8.3 BLO (D10.2 ISL/D10.8 SOF), turn LEFT, intercept BLO R-304 to GODEK.					
GODEK 3E	27	Climb on SOF R-285 to 2270' or to D1 SOF (D3.1 ISF), whichever is later, turn RIGHT, 350° track, intercept SOF R-330, intercept BLO R-304 to GODEK.					
GODEK 3U	09	Climb straight ahead to 2250' or to SOF 4 DME (ISL 3.4 DME), whichever is later, turn LEFT, 282° track, intercept SOF R-352 to TODRO, turn LEFT, intercept RIO P. 204 to COEK					

CHANGES: SIDs renumbered & revised; altimeter setting.

JEPPESEN Licensed to Elefant air. Printed on 27 Feb 2008. JeppView 3.5.2.0 NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

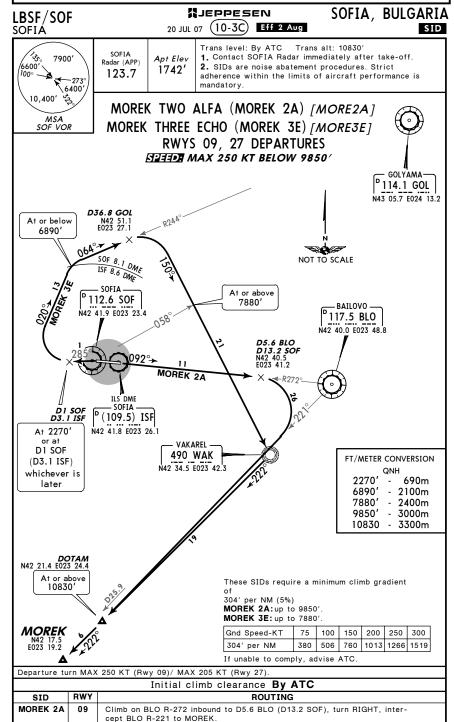
SOFIA, BULGARIA **MJEPPESEN** LBSF/SOF 20 JUL 07 (10-3B) Eff 2 Aug SOFIÁ Trans level: By ATC Trans alt: 10830' Jy. SOFIA 1. Contact SOFIA Radar immediately after take-off. Apt Elev 7900 Radar (APP) 6600° 2. SIDs are noise abatement procedures. Strict 1742' 123.7 adherence within the limits of aircraft performance is 6400 10,400' 钧 GOLYAMA TWO ALFA (GOL 2A) MSA SOF VOR GOLYAMA THREE ECHO (GOL 3E) — GOLYAMA — 114.1 GOL RWYS 09, 27 DEPARTURES N43 05.7 E024 13.2 5233 MAX 250 KT BELOW 9850 NOT TO SCALE At or below 6890' 112.6 SOF N42 41.9 E023 23.4 - SOFIA D (109.5) ISF N42 41.8 E023 26. BAILOVO -GOL 2A 117.5 BLO D1 SOF D3.1 ISF N42 40.0 E023 48.8 At 2270' or at D1 SOF (D3.1 ISF) whichever is later These SIDs require a minimum climb gradient FT/METER CONVERSION 304' per NM (5%) GOL 2A: up to 3940' 2270' - 690m GOL 3E: up to 6890' 3940' - 1200m Gnd Speed-KT 75 100 150 200 250 300 6890' - 2100m 304' per NM 380 506 760 1013 1266 1519 9850' - 3000m 10830' - 3300m If unable to comply, advise ATC Departure turn MAX 255 KT (Rwy 09)/ MAX 205 KT (Rwy 27). Initial climb clearance By ATC SID RWY ROUTING GOL 2A 09 Climb on BLO R-272 inbound to BLO, turn LEFT, intercept GOL R-211 in-GOL 3E Climb on SOF R-285 to 2270' or to D1 SOF (D3.1 ISF), whichever is later, turn RIGHT, 020° track, intercept GOL R-244 inbound to GOL.

© JEPPESEN SANDERSON, INC., 2003, 2007. ALL RIGHTS RESERVED.

CHANGES: SID GOL 2E renumb 3E & revised; altimeter setting.

Licensed to Elefant air. Printed on 27 Feb 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

JEPPESEN JeppView 3.5.2.0



CHANGES: SID MOREK 2E renumb 3E & revised; altimeter setting. © JEPPESEN SANDERSON, INC., 2003, 2007. ALL RIGHTS RESERVED.

MOREK 3E

Climb on SOF R-285 to 2270' or to D1 SOF (D3.1 ISF), whichever is later,

turn RIGHT, 020° track, intercept GOL R-244 inbound to D36.8 GOL, turn

RIGHT, intercept 150° bearing to WAK, turn RIGHT, 222° bearing to MOREK.

Licensed to Elefant air. Printed on 27 Feb 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007 JEPPESEN JeppView 3.5.2.0

MJEPPESEN LBSF/SOF (10-3D) Eff 2 Aug SOFIÁ

SOFIA Apt Elev Radar (APP) 1742' 123.7

Trans level: By ATC Trans alt: 10830'

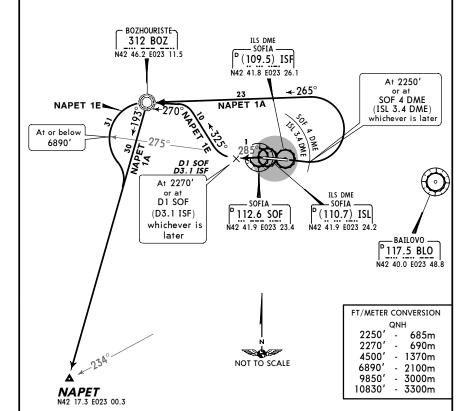
SOFIA, BULGARIA

1. Contact SOFIA Radar immediately after take-off. 2. SIDs are noise abatement procedures. Strict adherence within the limits of aircraft performance is



NAPET ONE ALFA (NAPET 1A) [NAPE1A] NAPET ONE ECHO (NAPET 1E) [NAPE1E] RWYS 09, 27 DEPARTURES BY ATC

12410 MAX 250 KT BELOW 9850



These SIDs require a minimum climb gradient

304' per NM (5%) NAPET 1A: up to 4500' NAPET 1E: up to 6890'

Gnd Speed-KT	75	100	150	200	250	300			
304' per NM	380	506	760	1013	1266	1519			
If unable to comply, advise ATC.									

Departure turn MAX 205 KT

Book tare tarn mint good tri									
Initial climb clearance By ATC									
SID	RWY	ROUTING							
NAPET 1A	09	Climb straight ahead to 2250' or to SOF 4 DME (ISL 3.4 DME), whichever is later, turn LEFT, intercept 265° bearing to BOZ, turn LEFT, 193° bearing to NAPET.							
NAPET 1E	27	Climb on SOF R-285 to 2270' or to D1 SOF (D3.1 ISF), whichever is later, turn RIGHT, 325° track, intercept 270° bearing to BOZ, turn LEFT, intercept 132° bearing to NAPET.							

CHANGES: OGOTA SIDs transferred: NAPET SIDs established. © JEPPESEN SANDERSON, INC., 2003, 2007. ALL RIGHTS RESERVED. Licensed to Elefant air. Printed on 27 Feb 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007 JEPPESEN JeppView 3.5.2.0

LBSF/SOF SOFIÁ

MJEPPESEN 20 JUL 07 (10-3E) Eff 2 Aug SOFIA, BULGARIA SID

SOFIA Radar (APP) 123.7

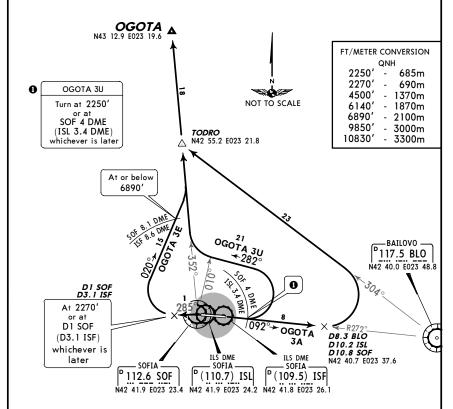
Apt Elev 1742'

Trans level: By ATC Trans alt: 10830 1. Contact SOFIA Radar immediately after take-off.

2. SIDs are noise abatement procedures. Strict adherence within the limits of aircraft performance is

\b 7900 6600' \ 100° _ 6400 10,400' MSA SOF VOR

OGOTA THREE ALFA (OGOTA 3A) [OGOT3A] OGOTA THREE ECHO (OGOTA 3E) [OGOT3E] OGOTA THREE UNIFORM (OGOTA 3U) [OGOT3U] RWYS 09, 27 DEPARTURES **S2330 MAX 250 KT BELOW 9850**



These SIDs require a minimum climb gradient

304' per NM (5%)

OGOTA 3A: up to 6140' OGOTA 3E: up to 6890'. OGOTA 3U: up to 4500'.

Gnd Speed-KT 75 | 100 | 150 | 200 | 250 | 300 380 506 760 1013 1266 1519 304' per NM If unable to comply, advise ATC.

Departure turn MAX 240 KT (OGOTA 3A)/ MAX 205 KT (OGOTA 3F, 3U)

Departure to	11 11 1917 (7	(240 KT (000 TK 0K) / MINK 200 KT (000 TK 02; 00).				
Initial climb clearance By ATC						
SID RWY ROUTING						
OGOTA 3A	09	Climb on BLO R-272 inbound to D8.3 BLO (D10.2 ISL/D10.8 SOF), turn LEFT, intercept BLO R-304 to TODRO, turn RIGHT, intercept SOF R-352 to OGOTA.				
OGOTA 3E	27	Climb on SOF R-285 to 2270' or to D1 SOF (D3.1 ISF), whichever is later, turn RIGHT, 020° track, intercept SOF R-352 to OGOTA.				
OGOTA 3U	09	Climb straight ahead to 2250' or to SOF 4 DME (ISL 3.4 DME), whichever is later, turn LEFT, 282° track, intercept SOF R-352 to OGOTA.				

CHANGES: SIDs renumb & revised; altimeter setting; chart reind. © JEPPESEN SANDERSON, INC., 2003, 2007. ALL RIGHTS RESERVED.

Licensed to Elefant air. Printed on 27 Feb 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

JEPP SEN

Jepp View 3.5.2.0

SOFIA, BULGARIA **MALEPPESEN** LBSF/SOF (10-3F) Eff 2 Aug SOFIÁ Trans level: By ATC Trans alt: 10830' 1. Contact SOFIA Radar immediately after take-off. 7900 Radar (APP) 6600° 2. SIDs are noise abatement procedures. Strict 1742' 123.7 adherence within the limits of aircraft performance is 6400 10,400' RUMEN TWO ALFA (RUMEN 2A) [RUME2A] MSA SOF VOR RUMEN THREE ECHO (RUMEN 3E) [RUME3E] RWYS 09, 27 DEPARTURES 1211 MAX 250 KT BELOW 9850 GOLYAMA-P114.1 GOL N43 05.7 E024 13.2 D36.8 GOL At or below N42 51.1 6890' E023 27.1 FT/METER CONVERSION 2270' - 690m - 1150m 3780' At or above 6890' - 2100m 112.6 SOF 7880' 7880' - 2400m N42 41.9 E023 23.4 9850' - 3000m 10830' - 3300m **RUMEN 2A** -BAILOVO -117.5 BLO N42 40.0 E023 48.8 ILS DME D1 SOF SOFIA (109.5) ISF At 2270' N42 41.8 E023 26.1 - VAKAREL -D1 SOF 490 WAK (D3.1 ISF) N42 34.5 E023 42.3 whichever is later **LARAT** N42 30.1 E023 52.3 NOT TO SCALE These SIDs require a minimum climb gradient **RUMEN** 304' per NM (5%) N42 18.3 E024 18.8 RUMEN 2A: up to 3780 At or above **RUMEN 3E:** up to 7880' TL Gnd Speed-KT 75 100 150 200 250 300 304' per NM 380 | 506 | 760 | 1013 | 1266 | 1519 If unable to comply, advise ATC. Departure turn MAX 255 KT (Rwy 09)/ MAX 205 KT (Rwy 27). Initial climb clearance By ATC ROUTING RWY SID **RUMEN 2A** 09 Climb on BLO R-272 inbound to BLO, turn RIGHT, BLO R-162 to LARAT, turn LEFT, intercept 117° bearing from WAK to RUMEN. **RUMEN 3E** Climb on SOF R-285 to 2270' or to D1 SOF (D3.1 ISF), whichever is later, turn RIGHT, 020° track, intercept GOL R-244 inbound to D36.8 GOL, turn

CHANGES: New chart.

© JEPPESEN SANDERSON, INC., 2007. ALL RIGHTS RESERVED.

RIGHT, intercept 150° bearing to WAK, turn LEFT, 117° bearing to RUMEN.

Licensed to Elefant air. Printed on 27 Feb 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

JEPPESEN JeppView 3.5.2.0

LBSF/SOF SOFIA, BULGARIA
SOFIA

NOISE ABATEMENT

SOFIA, BULGARIA
NOISE

SUMMER: LT minus 3 HOURS = UTC (Z)
WINTER: LT minus 2 HOURS = UTC (Z)

GENERAL

The following procedures are specified for noise abatement over populated areas of Sofia city. Deviations are only permitted for safety reasons. Overflying of Sofia city is prohibited except in cases stated in para EXCEPTIONS below.

RUNWAY USAGE

Runway 27 will be used for take-off at daytime and nighttime in cases when:

- the strength and direction of the wind do not allow the use of runway 09;
- the controller clears the take-off due to an intensive traffic or in cases stated in para EXCEPTIONS below.

Runway 09 will be used for landing at daytime and nighttime in cases when:

- the strength and direction of the wind do not allow the use of runway 27;
- the controller clears the landing due to an intensive traffic or in cases stated in para EXCEPTIONS below.

EXCEPTIONS

Exceptions to runway use and overflying of Sofia city are admitted in cases of:

- governmental flights;
- search and rescue flights;
- ambulance flights;

CHANGES: Graphic withdrawn.

- rescue flights in distress:
- check flights of the police;
- emergency landings and landings of aircraft using the airport as an alternate.

RUN-UP TESTS

Engine test runs are allowed only between 0700-1900LT and may take place at the designated areas.

© JEPPESEN SANDERSON, INC., 2006. ALL RIGHTS RESERVED.

JEPPESEN Licensed to Elefant air. Printed on 27 Feb 2008. JeppView 3.5.2.0 NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007 SOFIA, BULGARIA LBSF/SOF M JEPPESEN Apt Elev 1742' 14 SEP 07 (10-9) Eff 27 Sep SOFIA N42 41.7 E023 24.5 ATIS SOFIA Tower 124.05 118.1 120.4 23-23 23-24 23-25 23-26 23-27 Rwy 27 approved for CAT II/III operations, special aircrew and acft certification required. Engine run-up area (_1814' Flev 42-42 1739 VOR > 11,811′_{3600m} 09 IIIIIIIIII 27 De-icing N West De-icing East FOR PARKING POSITIONS 1903' SEE 10-9A AIS + MET - 42-41 42-41 1000 2000 3000 4000 Meters 0 23-23 23-24 23-25 23-26 23-27 ADDITIONAL RUNWAY INFORMATION USABLE LENGTHS
LANDING BEYOND — Glide Slope RWY Threshold TAKE-OFF WIDTH HIRL (60m) CL(15m) HIALS PAPI-R (3.0°) RVR 10,827' 3300m 9794' 2985m 148' 45m 27 HIRL (60m) CL(15m) HIALS-II SFL TDZ RVR 10.717' 3267m ● PAPI-L (3.0°) TAKE-OFF RUN AVAILABLE RWY 09: From rwy head 11,811' (3600m) twy C int 8038' (2450m)

			TAKE-OFF						
		AIR CARRIER		AIR CARRIER (FAR 121)					
		All Rwys	All Rwys						
	RL & CL 1	RL & RCLM (DAY only)	RL		RL, CL & RCLM two RVR req	RL			
Α		250m 🛚	400m	Α		RVR 500m VIS 400m			
B C	200m(150m)	300m 1	500m	B C	RVR <i>175m</i>	500m			
D	250m(200m)	400m	600m	ם	R∨R <i>200m</i>	600m			
П	LIVP must be in force								

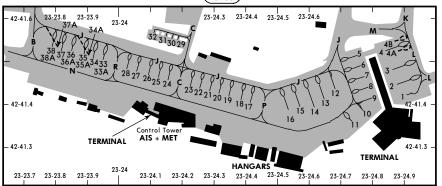
1 LVP must be in force.

CHANGES: Note. Twy. Apron.

© JEPPESEN SANDERSON, INC., 2006, 2007. ALL RIGHTS RESERVED.

Licensed to Elefant air. Printed on 27 Feb 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007 JEPPESEN JeppView 3.5.2.0

LBSF/SOF SOFIA, BULGARIA M JEPPESEN **SOFIA** 14 SEP 07 (10-9A) Eff 27 Sep



INS COORDINATES								
STAND No.	COORDINATES	STAND No.	COORDINATES					
1, 2 N42 41.4 E023 24.9		19 thru 22	N42 41.4 E023 24.3					
3, 4 N42 41.5 E023 24.8		23	N42 41.4 E023 24.2					
4A N42 41.5 E023 24.9		24	N42 41.5 E023 24.2					
4B thru 7 N42 41.5 E023 24.8		25 thru 27	N42 41.5 E023 24.1					
8 thru 10 N42 41.4 E023 24.8		28	N42 41.5 E023 24.0					
11	N42 41.3 E023 24.7	29, 30	N42 41.5 E023 24.2					
12, 13	N42 41.4 E023 24.7	31, 32	N42 41.6 E023 24.1					
14, 15	N42 41.4 E023 24.6	33	N42 41.5 E023 24.0					
16	N42 41.4 E023 24.5	33A thru 36	N42 41.5 E023 23.9					
17, 18	N42 41.4 E023 24.4	36A thru 38A	N42 41.5 E023 23.8					

Licensed to Elefant air. Printed on 27 Feb 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

JEPPESEN

JeppView 3.5.2.0

LBSF/SOF

JEPPESEN

14 SEP 07 (10-9X) Eff 27 Sep

JAA MINIMUMS SOFIA, BULGARIA SOFIA

					SOFIA	
STRA	IGHT-IN RWY	Α	В	С	D	
09	ILS DME	1939′(200′)	1939 ′ (200′)	1939 ′ (200′)	1939' (200')	
		R550m V800m	R550m V800m	R550m V800m	R550m V800m	
	ALS out	1200m	1200m	1200m	1200m	
	LOC	2200 ′(461′)	2200 ′(461′)	2200 ′(461′)	2200 ′(461′)	
		1600m	1600m	2000m	2400m	
	ALS out	2400m	2400m	2800m	3200m	
	LOC	2400 ′(661′)	2400 ′(661′)	2400 ′(661′)	2400 ′(661′)	
	w/o D2.7 ISL/D2.1 SOF	1600m	1600m	2000m	2400m	
	ALS out	2400m	2400m	2800m	3200m	
	VOR DME	2250 ′(508 ′)	2250 ′(508 ′)	2250 ′(508′)	2250 ′(508 ′)	
		1600m	1600m	2000m	2800m	
	ALS out	2400m	2400m	2800m	3600m	
	VOR DME	2600 ′(858′)	2600 ′(858′)	2600 ′(858′)	2600 ′(858′)	
	w/o D2.1 SOF	1600m	1600m	2000m	2800m	
	ALS out	2400m	2400m	2800m	3600m	
27	CAT 2 ILS DME	1844 ′(100 ′)				
		RA100'R350m	RA100′R350m	RA 100′ R350m	RA 100′ R350m	
	ILS DME	1944 ′(200′)	1944 ′ (200′)	1944' (200')	1944 ′ (200′)	
		R550m V800m	R550m V800m	R550m V800m	R550m V800m	
	ALS out	1200m	1200m	1200m	1200m	
	LOC DME	2150 ′(406′)	2150 ′(406′)	2150 ′(406′)	2150 ′(406′)	
		1600m	1600m	1600m	2000m	
	ALS out	2400m	2400m	2400m	2800m	
	VOR DME	2150 ′(408′)	2150 ′(408′)	2150 ′(408′)	2150 ′(408′)	
		1600m	1600m	1600m	2000m	
	ALS out	2400m	2400m	2400m	2800m	

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
Not authorized	2270 ′(528 ′)	2300 ′(558 ′)	2560 ′(818 ′)	2790 ′(1048′)
South of apt	V1600m ❶	V1600m ①	V3600m	V5000m

[•] After LOC 09 apch, VOR DME 09 apch, LOC 27 apch or VOR DME 27 apch: V2400m.

TAKE-OFF RWY 09, 27

	Approved Operators HIRL, CL & mult. RVR req	RL, CL & mult RVR req 2	RL & CL ②	RL & RCLM (DAY only)	RL
Α				250m Q	400m
B C	125m	150m	200m	300m 2	500m
D	150m	200m	250m	400m	600m

² LVP must be in force.

Licensed to Elefant air. Printed on 27 Feb 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

CHANGES: None.

JEPPESEN JeppView 3.5.2.0

	LBSF/SOF			₩ JEI	PES	EN		SOFIA	, BUL	GARIA
	SOFIÁ			4 SEP 07 (Eff 27 9			OME R	wy 09
	124.		SOFI 123.	A Approach ((R) 9.9	118	SOFIA Tow	20.4		
ĭ.	LOC	Final		GS		ILS		ev 1742'	6600	7900'
BRIEFING STRIP	ISL 110.7	Apch Cr 091°	I	4.0 ISL B' (1279')	1	A(H) '(200')	1	vy 1739 ′	>	273° 6400′
FING	MISSED APCH:	Climb STR	AIGHT AF	IEAD to	D15.4	SOF, th	en turn	RIGHT	10,400	ر چي
BRI	(MAX 205 KT (MAX 220 KT	() to VOR.	Intercept	R-305 St roceed o	OF. At	D14.8 S DME Ar	OF turi	n LEFT to		ISA
	enter BENIL	holding, cl	imbing to	9850'.					SOF	VOR
	Alt Set: hPa		lev: 62 hPa		Tra	ns level:	By ATC	FT/M	Trans a ETER CON	t: 10830'
		O P		≨Ď14.8	SOF L	B(TSA)-14 LB(TSA	A) 17	100	QNH	
	- 42-50	S.	B(D)-225	22	45'	,	4)113	98 108		3300m 3000m
	3179'	4		1.10	LI	3(D)-405				2300m 2100m
	BENIL	Si C	091° 11	~ = .~./	2220'	. ኤ _		1 41		1250m
	D20.1 ISL D19.4 SOF	A STATE OF THE PARTY OF THE PAR	<u></u>	 /	َ لَٰ الْحُكْمَ عَلَيْهِ عَلَي	305° ₽) 	טט.8	2واق	
	091°		09	91°/	2245'		unsuun	ISL A	170′	NOT TO SCALE
	MHA 6890		The state of the s			uvum\		091	5mm	D 15.4 SOF
	MAX FL 140 MAX 220 KT	1 1	2630	D7. D6.8	4 ISL SOF ₂₃₄₉	. d	2. 1 _{ISL}			† <u>-</u>
	42-40 259°-	1-1-		•	D.	4.0 Di	.5 SOF		B(D)-403	
	D24.8 271°	+		4124'		3000	25' /\ SO	FTA — I F	B(D)-404 B(D)-405 2	170
	SOF	9 //	LB(D)-	403	5000	A6109	□ 112.	6 SOF	///////////////////////////////////////	
		3665	LB(D)	404				H C	23-30 3000	
	3000	ADAM 3665	LB(TSA		7516	· (A)		SOF	~	20040 0 7
		12/		5/			DA	, F	-174	004° 2.3 10830
	LB(TSA)-11		ST.				A'r	c /	1	354° 1.9 10830
	42-30	LB(D)-403 LB(TSA)-4	C MAN	222		LB(D) 403 LB(D) -404		022.3	\int_{Γ}	022.3
		2759'• LB(TSA)-1	1 1/00			LB(D)-405 LB(D)-406		IAF) OREK	ቭ	(IAF) VANET
	22-50	23-00	1 2/6	23-10	0/4.0	23-	20 D2	24.6	Δ	D24.2
	ISL/SOF DME ALTITUDE	7.0/6.4 3970'	5.9/5.3 3630'		.9/4.2 3280'	29	/3.2 40'	2.7/2.1 2600'		.6/1.0 2250'
	BENIL D20.1 ISL/D1		D7.4 IS	D4.0 is	-1					
	7550' 0	0.	D0.8 30F	GS 3018	D1.5 S	ISL D1.	4 ISL			
		1°	1110'		D1.5 3		SOF). 8 ISL		
		4020'	*-0	91°			∣ GS I. -	1975′ TCH	49'	
	į į	10 /		2420′	M	DA _{0.7}	1-7			. 1779/
	Gnd speed-Kts	12.6				0.7	HIALS	0.5		9 1739′
	ILS GS 3.00° or	377	11 111	646 75				D15.4 SOF	205 KT	SOF
	LOC Descent Grad MAP at D1.4 ISL/L	5.2%	101 000	1010 70	-		PAPI	🛉	RT	112.6
	IL:		RAIGHT-IN L		WY 09 (GS out)			Ċ	IRCLE-TO-	LAND
					w/o [02.1 ISL/[01.5 SOF		Not autho	
	DA(H) 193	9' (200') ALS out	MDA(H) 22	00' (461') ALS out) MDA(H	2420	'(681') ALS out	Max	South of	apt
	A	7.25 001	1600m	2400m	160		2400m	100 227	0' (528')	1600m 🗓
္န	B RVR 720m	1200m						135 230	-1	
PANS OPS	C VIS 800m	-	2000m 2400m	2800m 3200m	200		2800m	180 256 205 279	0' (818') 0'(1048')	
PAN	☐ After LOC (GS	S out) apch: 2		0200111	240	om c	3200m	2/9	U (1040)	5000m
						@ 15001				LITA DESERVED

Licensed to Elefant air. Printed on 27 Feb 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

JEPP SEN

JEPP SEN

Jepp View 3.5.2.0

SOFIA. BULGARIA JEPPESEN LBSF/SOF (1-2) ILS DME or LOC DME Rwy 27 SOFIÁ ATIS SOFIA Approach (R) 124.05 123.7 129.9 118.1 120.4 LOC GS Final Apt Elev 1742' 6600> 7900' ISF Apch Crs D5.4 ISF DA(H) 271° 3445'(1701') 1944'(200') RWY 1744 109.5 6400 10,400 MISSED APCH: Climb STRAIGHT AHEAD to SOF VOR or 2300', whichever is later, turn RIGHT (MAX 185 KT) and climb to BOZ NDB, at D8.1 SOF turn LEFT to intercept 236° from BOZ NDB. At D21.0 SOF turn RIGHT to intercept MSASOF VOR R-259 SOF to enter BENIL holding at D24.8 SOF, climbing to 7880'. Rwy Elev: 62 hPa Trans level: By ATC Trans alt: 10830 Baseturn restricted to 215 KT. BOZHOURISTE 4341 312 BOZ LB(D)-405 ILS DME. 2605 271° 109.5 ISF ETROL DO.8ISF D5.9 BLOA D8.1 **D5.4** ISF D2.8 SOF 2170' SQE D7.4 SOF Λ²²⁴⁵ **D12.0** ISF D14.0 **SOF** (IAF SOFIA-112.6 SOF A6109 D14.0 SOF ⁰ 117.5 BLO LB(D)-405 7516 LB(D)-406 3514 D7.6 BLO 403 MISSED APCH FIX IRKOT LB(D) D11.7 BLO MHA 6890 FT/METER CONVERSION MAX FL 140 MAX 220 KT BENIL D19.4 10830' 3300m LOC (GS out) D16,2 7880 2400m 091 OF DME ISF DME ALTITUD 6890' 2100m 4.9 3290' 5090' 1550m 3.8 2.7 1.6 2950' 3450 1050m D24.8 D21.0 27 SOF SOF 4.8 2610 3.7 2260' 2300' 700m **D5.4** ISF D7.4 SOF D14.0 SOF VOR -109° GS 3445' 5090' **DO.8** ISF **D4.0** ISF D2.8 SOF GS 3025' GS 1978' **D12.0** ISF TCH 49 3330' RWY 27 1744 HIALS-II 2300 / 185 KT Gnd speed-Kts 70 90 100 120 140 160 112.6 BOZ ILS GS 3.00° or MAX 485 539 647 755 862 LOC Descent Grad 5.2% whichever later 312 MAP at D0.8 ISF/D2.8 SOF STRAIGHT-IN LANDING RWY 27 CIRCLE-TO-LAND ILS LOC (GS out) Not authorized South of apt DA(H) 1944' (200') MDA(H) 2150' (406') FULL TDZ or CL out ALS out ALS out 2270' (528') 1600m 2300' (558') 1600m 1600m 2400m RVR 550m RVR 720m 1200m 2560' (818') 3600m VIS 800m VIS 800m 2790'(1048') 5000m 2000m 2800m After LOC (GS out) apch: 2400m.

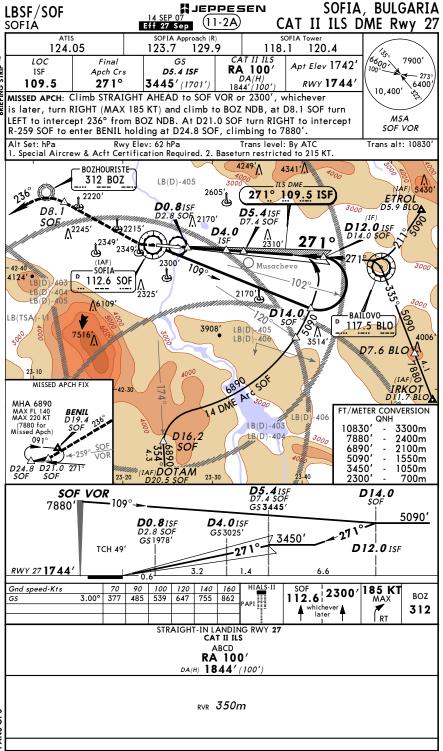
CHANGES: Printing sequence. Proc title. Missed apch. Minimums.

© JEPPESEN SANDERSON, INC., 2006, 2007. ALL RIGHTS RESERVED

Licensed to Elefant air. Printed on 27 Feb 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

JEPPESEN JeppView 3.5.2.0



Licensed to Elefant air. Printed on 27 Feb 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

JEPP IS EN

Jepp View 3.5.2.0

SOFIA, BULGARIA MJEPPESEN. LBSF/SOF 14 SEP 07 (13-1) Eff 27 Sep VOR DME Rwy 09 SOFIÁ SOFIA Approach (R) SOFIA Tower ATIS 124.05 123.7 129.9 118.1 120.4 VOR Final Procedure Alt MDA(H) 7900' 1000 D6.8 (CONDITIONAL) Apt Elev 1742 SOF Apch Crs 2250' (508') 091° 4110' (2368') 112.6 6400 10,400 MISSED APCH: Climb STRAIGHT AHEAD to D15.4, then turn RIGHT (MAX 205 KT) to VOR and intercept R-305. At D14.8 turn LEFT MAX 220 KT) to intercept and proceed on 19.4 DME Arc to enter MSA SOF VOR BENIL holding, climbing to 9850'. Apt Elev: 62 hPa Alt Set: hPa Trans level: By ATC Trans alt: 10830 FT/METER CONVERSION ₽ĎĨ4.8 QNH LB(TSA)-14 108301 3300m LB(TSA)-13 42-50 9850 3000m 7550 2300m 3179 6890' 2100m 1250m 4110 2600' 790m D2.1 LB(D)-405 2220 2605 دی D0.9 BENIL 091° A2245, 2215 091% NOT TO SCALE LB(D)-403 **D6.8** 27 MHA 6890 D15.4 MAX FL 140 MAX 220 KT 2300 42-40 112.6 SOF 2170′ 27 D24.8 A6109 LB(D)-403 LB(D)-405 LB(TSA)-4 75161 LB(TSA)-11 10830 **1**004° 2.3 LB(TSA)-11 2354° 1.9 10830 42-30 LB(D)-403 LB(D)-403 D22.3 LB(TSA)-4 D22.3 LB(D)-405 LB(D)-406 2759'● LB(TSA)-1 VANET D24.2 (IAF) MOREK 22-50 23-00 23-20 SOF DME 6.5 5.4 4.3 3.2 1.1 2.2 4000' 3660' 3320 2970 2630 2280 ALTITUDE **BENIL VOR** D6.8 7550 109, D2.1 [21VOR D0.9 4110 [MDØ9] 2600 [TCH 49'] 4020' 2600 MDA APT 1742' 12.6 D15.4 205 KT Gnd speed-Kts 100 120 70 90 140 160 SOF Descent Gradient 5.28% or 374 MAX 534 748 641 855 - PAPI Descent angle [3.02° 112.6 MAP at D0.9 STRAIGHT-IN LANDING RWY 09 CIRCLE-TO-LAND w/o D2.1 SOF Not authorized South of apt MDA(H) 2250' (508') MDA(H) 2600' (858') ALS out ALS out 2270' (528') 2400m 1600m 2400m 1600m 2400m 2300' (558') 2400m 2560' (818') 3600m 2000m 2800m 2000m 2800m 2790'(1048') 5000m 2800m 3600m 2800m 3600m

© JEPPESEN SANDERSON, INC., 2006, 2007. ALL RIGHTS RESERVED.

CHANGES: Descent angle.

Licensed to Elefant air. Printed on 27 Feb 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 23-2007

JEPPESEN **JeppView 3.5.2.0**

