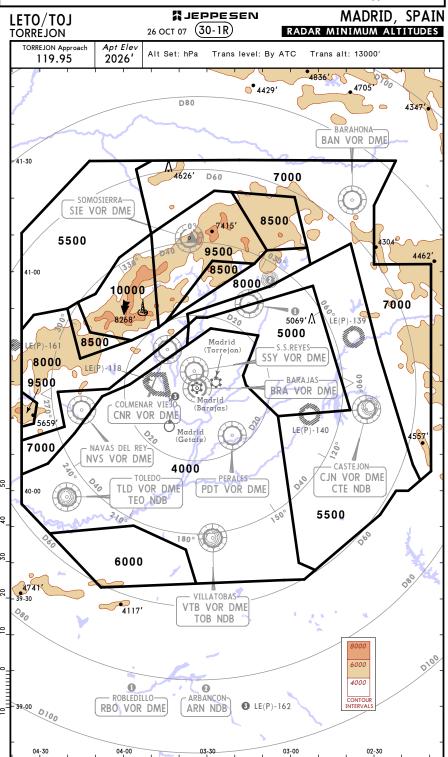
Licensed to Elefant air. Printed on 06 Sep 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

JEPPESEN

JeppView 3.5.2.0



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

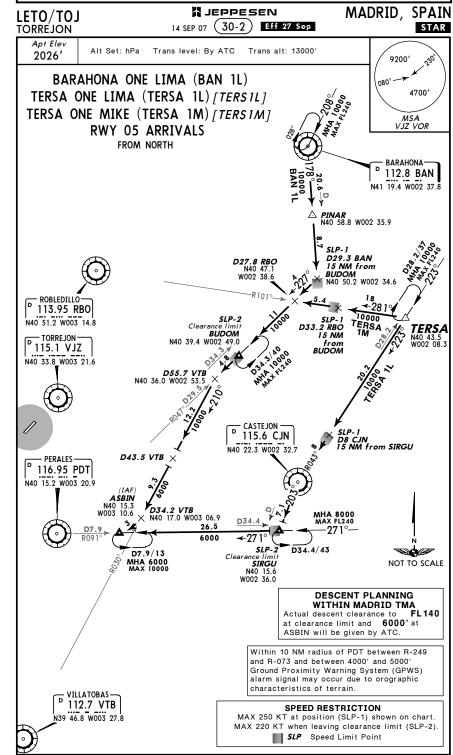
CHANGES: New chart

Licensed to Elefant air. Printed on 06 Sep 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

JEPPES EN

JeppView 3.5.2.0



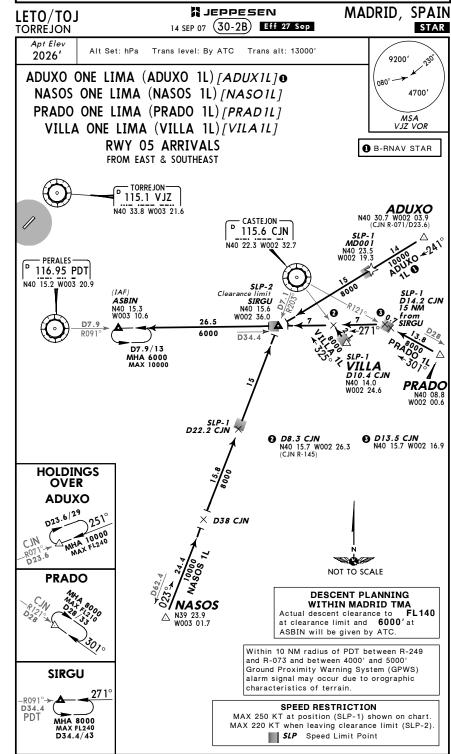
MADRID, SPAIN I JEPPESEN LETO/TOJ 14 SEP 07 (30-2A) Eff 27 Sep STAR TORRÉJON Apt Elev Alt Set: hPa Trans level: By ATC Trans alt: 13000' 2026 9200' BARAHONA THREE TANGO (BAN 3T) TERSA TWO TANGO (TERSA 2T) [TERS2T] • 4700' **RWY 23 ARRIVALS** MSA VJZ VOR FROM NORTH B-RNAV STAR BARAHONA-**DESCENT PLANNING** 112.8 BAN WITHIN MADRID TMA N41 19.4 W002 37.8 Actual descent clearance to FL140 at clearance limit will be by ATC. Within 10 NM radius of PDT between R-249 and R-073 and between 4000' and 5000' Ground Proximity Warning System (GPWS) alarm signal may occur due to orographic characteristics of terrain. SLP D29 BAN ROBLEDILLO-113.95 RBO **TERSA** N40 51.2 W003 14.8 SLP TO001 N40 39.9 TORREJON W002 34 9 115.1 VJZ N40 33.8 W003 21.6 DŮKKÉ N40 37.2 W002 54.2 - PERALES -116.95 PDT CASTEJON -115.6 CJN N40 15.2 W003 20.9 N40 22.3 W002 32.7 **HOLDING OVER TERSA** NOT TO SCALE SPEED RESTRICTION MAX 250 KT at position (SLP) shown on chart. MAX 220 KT when leaving clearance limit. SLP Speed Limit Point

© JEPPESEN SANDERSON, INC., 2002, 2007. ALL RIGHTS RESERVED.

Licensed to Elefant air. Printed on 06 Sep 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

JEPPESEN JeppView 3.5.2.0



Licensed to Elefant air. Printed on 06 Sep 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

JEPPES EN

JeppView 3.5.2.0

MADRID, SPAIN M JEPPESEN LETO/TOJ 14 SEP 07 (30-2C) Eff 27 Sep STAR TORREJON Apt Elev Alt Set: hPa Trans level: By ATC Trans alt: 13000' 2026' 9200' NASOS ONE TANGO (NASOS 1T) [NASO1T] PRADO ONE TANGO (PRADO 1T) [PRAD1T] VILLA ONE TANGO (VILLA 1T) / VILA 1T | MSA VJZ VOR **RWY 23 ARRIVALS** FROM EAST & SOUTHEAST SPEED RESTRICTION MAX 250 KT at position (SLP) shown on chart. ROBLEDILLO-MAX 220 KT when leaving clearance limit. 113.95 RBO N40 51.2 W003 14.8 Speed Limit Point TORREJON— 115.1 VJZ N40 33.8 W003 21.6 DŮKKÉ N40 37.2 W002 54.2 PERALES 116.95 PDT **PRADO** N40 15.2 W003 20.9 CASTEJON -115.6 CJN N40 22.3 W002 32.7 SIRGU A N40 15.6 W002 36.0 HOLDINGS OVER CJN NOT TO SCALE × D38 CJN **DESCENT PLANNING** WITHIN MADRID TMA **PRADO** Actual descent clearance to FL140 at clearance limit will be by ATC. Within 10 NM radius of PDT between R-249 Ground Proximity Warning System (GPWS) alarm signal may occur due to orographic characteristics of terrain.

Licensed to Elefant air. Printed on 06 Sep 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

CHANGES: Descent planning; speed restriction.

JEPPESEN JeppView 3.5.2.0

MADRID, SPAIN **MJEPPESEN** LETO/TOJ TORREJON 14 SEP 07 (30-2D) Eff 27 Sep STAR Apt Elev Alt Set: hPa Trans level: By ATC Trans alt: 13000' 2026' BARDI ONE GOLF (BARDI 1G) [BARD1G] MORAL ONE LIMA (MORAL 1L) [MORA 1L] SOTUK ONE LIMA (SOTUK 1L)/SOTU1L] TOLEDO ONE GOLF (TLD 1G) **RWY 05 ARRIVALS** FROM SOUTH & WEST Within and R-Ground alarm charac TOBEK

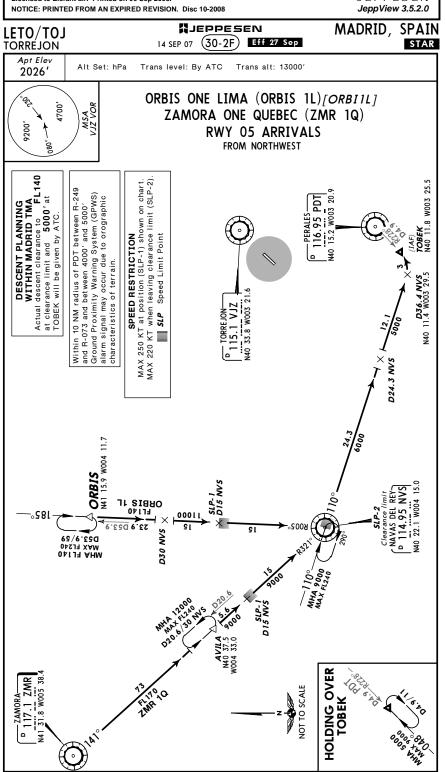
© JEPPESEN SANDERSON, INC., 2006, 2007. ALL RIGHTS RESERVED

W003 01.7

MADRID, SPAIN **MALERPESEN** LETO/TOJ TORREJON (30-2E) Eff 27 Sep STAR Apt Elev Alt Set: hPa Trans level: By ATC Trans alt: 13000' 2026 BARDI ONE TANGO (BARDI 1T) [BARD1T] MORAL ONE TANGO (MORAL 1T) [MORA 1T] DUKKE N40 37.2 W002 54.2 (113.95 RBO R-134/D21) 🗞 SOTUK TWO TANGO (SOTUK 2T)[SOTU2T] TOLEDO THREE TANGO (TLD 3T) **RWY 23 ARRIVALS** FROM SOUTH & WEST PERALES | D | 116.95 PDT | N40 15.2 W003 20.9) shown on char clearance limit. TOBEK

CHANGES: Speed restriction; STAR SOTUK 2T revised.

JEPPESEN Licensed to Elefant air. Printed on 06 Sep 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008



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

CHANGES: Descent planning; speed restriction.

MADRID, SPAIN MJEPPESEN LETO/TOJ TORREJON (30-2G)Eff 27 Sep STAR 14 SEP 07 Apt Elev Alt Set: hPa Trans level: By ATC Trans alt: 13000 2026 (1AF) **DUKKE**N40 37.2 W002 54.2
(113.95 RBO R-134/D21) **ORBIS ONE TANGO** (ORBIS 1T) [ORBI1T] ZAMORA ONE TANGO (ZMR 1T) **RWY 23 ARRIVALS** FROM NORTHWEST .8 W003 25.5 116.95 PDT 0 15.2 W003 20.5 DESCENT PLANNING
WITHIN MADRID TMA
Actual descent clearance to FL140
at clearance limit will be by ATC. SPEED RESTRICTION
MAX 250 KT at postition (SLP) shown on chart
MAX 220 KT when leaving clearance limit.

\$\$IP\$ Speed Limit Point Within 10 NM radius of PDT between R-249 and R-073 and between 4000' and 5000' Ground Proximity Warning System (GPWS) alarm signal may occur due to orographic characteristics of terrain. N40 15.2 **D36.4 NVS** N40 11.4 W003 29.5 **ORBIS**N41 15.9 W004 11.7 FL140 -∘281 00011 D22.9/59 MHA FL140 MAX FL240 NOT TO HOLDING OVER DUKKE ZAMORA—117.1 ZMR

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

CHANGES: Speed restriction

Licensed to Elefant air. Printed on 06 Sep 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

MADRID, SPAIN **MALEPPESEN** LETO/TOJ TORREJON (30-3) 19 JAN 07 Apt Elev Trans level: By ATC Trans alt: 13000' 2026' BARDI ONE HOTEL (BARDI 1H) [BARD1H] BARDI ONE JULIETT (BARDI 1J) [BARD1J] 9200, BARDI ONE ROMEO (BARDI 1R) [BARD1R] RWYS 23, 05 DEPARTURES
SUBJECT TO LE(R)-71B & LE(R)-71C ACTIVITY Climb to 2400', turn LEFT, intercept BRA R-113 to ELVIR, turn RIGHT to PDT, PDT R-282 (NVS R-102 inbound) to NVS, NVS R-281 to BARDI.

Climb to VJZ, VJZ R-052 to D3 VJZ, turn LEFT to VJZ, VJZ R-226 to D19 VJZ, turn RIGHT, intercept NVS R-102 inbound to NVS, NVS R-281 to BARDI.

Climb to 2400', turn LEFT to VJZ, VJZ R-052 to D3 VJZ, turn LEFT to VJZ, VJZ R-226 to D19 VJZ, turn RIGHT, intercept NVS R-102 inbound to NVS, NVS R-101 to NVS, NVS R-102 inbound to NVS, NVS R-101. At or above 5000' MAX 220 KT **D3 VJZ** N40 35.8 W003 18.6 BARDI 1R At or above 3500' BARDI 13, 1R BARDI 1J At or above PERALES PDT 116.95 PDT N40 15.2 W003 20.9 5NM BARDI 1J, 1R: VJZ - D9 VJZ, 9NM **BARDI 1J:** THR05 - VJZ, BARDI 1H, 1R Initial turn at 2400' D9 V. P116.45 BRA CAT C MAX **180 KT** CAT D MAX 205 KT CAT A X 110 KT CAT B × **145 KT** 05 BARDI 1J BARDI 1R P 114.95 NVS N40 22.1 W004 15.0 9000'. NOT TO SCALE LE(R)-71B LE(R)-71C Q

JEPPESEN

JeppView 3.5.2.0

MADRID, SPAIN **MALEPPESEN** LETO/TOJ 19 JAN 07 (30-3A) SID TORRÉJON Apt Elev Trans level: By ATC Trans alt: 13000' 2026 CACERES ONE HOTEL (CCS 1H) CACERES ONE JULIETT (CCS 1J) CACERES ONE ROMEO (CCS 1R) RWYS 23, 05 DEPARTURES ELVIR N40 22.4 W003 At or above 5000′ R-052 to D3 VJZ, turn LEF VJZ, turn RIGHT, intercept CCS R-065 inbound to CCS. MAX 220 KT W003 18.6 CCS R-065 inbound to CCS.

Climb to VJZ, VJZ R-052 to D3 VJZ, turn LEFT to VJZ, VJZ R-;
LD T9 VJZ, turn RIGHT, intercept NVS R-102 inbound to NVS,
LET, CCS R-065 inbound to CCS.

Climb to 2400', turn LEFT to VJZ, VJZ R-052 to D3 VJZ, turn to VJZ, turn RIGHT, VJZ R-228 to D19 VJZ, turn RIGHT, VJZ R-228 to D19 VJZ, turn RIGHT, VJZ R-228 to D19 VJZ, turn RIGHT, interc NVS, turn RIGHT, VJZ R-258 to D19 VJZ, turn RIGHT interc NVS, turn LEFT, CCS R-065 inbound to C 1J, 1R CCS 1R or abov 3500′ SS ¥ **V.1Z** 35.8 PERALES — 116.95 PDT N40 15.2 W003 20. CCS 1J: THR05 - VJZ, 5NM CCS 1J, 1R: VJZ - D9 VJZ, 9NM CCS 1H, 1R Initial turn at 2400' D19 VJZ N40 19.9 N003 38.6 P116.45 BRA N40 28.1 W003 33.5 CAT B MAX 145 KT CAT D MAX 205 KT 늏 호 CATA MAX 110 M CAT C MAX 180 F 05 SID CCS 1H ۳ SCS SCS P114.95 NVS N40 22.1 W004 15.0 ; squate

Licensed to Elefant air. Printed on 06 Sep 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008 JEPPESEN

JeppView 3.5.2.0

MADRID, SPAIN I JEPPESEN LETO/TOJ TORREJON 6 APR 07 (30-3B) Apt Elev Trans level: By ATC Trans alt: 13000' 2026' 9200' CASTEJON ONE DELTA (CJN 1D) 4700' CASTEJON ONE QUEBEC (CJN 1Q) NANDO ONE HOTEL (NANDO 1H) [NAND1H] MSA VJZ VOR NANDO ONE QUEBEC (NANDO 1Q) [NAND1Q] RWYS 23, 05 DEPARTURES **FERDI** N40 49.9 W002 56.4 TORREJON = TORREJUN - 115.1 VJZ At or above 9000' N40 33.8 W003 21.6 CJN 1D At or above 220 KT 3500' NANDO 1Q CJN 1Q At or above 3300' NOT TO SCALE NANDO 1Q × **D3 VJZ**○ N40 35.8 W003 18.6 INITIAL OVERFLY At or above 3300' CAT A MAX 110 KT At 2400 CAT B MAX 145 KT CASTEJON -CAT C 115.6 CJN MAX 180 KT N40 22.3 W002 32.7 CAT D NANDO 1H MAX 205 KT **ELVIR** N40 22.4 W003 13.9 - BARAJAS — 116.45 BRA At or above N40 28.1 W003 33.5 5000 PERALES -116.95 PDT N40 15.2 W003 20.9 At or above 9500 These SIDs require minimum climb gradients CJN 1D NANDO 322' per NM (5.3%) until leaving 9000'. N39 59.3 W002 10.5 CJN 10 273' per NM (4.5%) until leaving Gnd speed-KT 75 100 | 150 | 200 | 250 | 300 NANDO 1H 322' per NM (5.3%) until leaving 322' per NM 403 537 805 1073 1342 1610 NANDO 1Q 273' per NM 342 | 456 | 684 | 911 | 1139 | 1367 322' per NM (5.3%) until leaving SID RWY ROUTING CJN 1D Climb to 2400', turn LEFT to VJZ, VJZ R-052 to FERDI, turn RIGHT, intercept CJN R-343 inbound to CJN CJN 1Q Climb to VJZ, VJZ R-052 to FERDI, turn RIGHT, intercept CJN R-343 inbound to CJN. Climb to 2400', turn LEFT, intercept BRA R-113 to ELVIR, turn RIGHT, NANDO 1H intercept BRA R-116 to NANDO. NANDO 1Q Climb to VJZ, VJZ R-052 to D3 VJZ, turn LEFT to VJZ, PDT R-360 inbound to PDT, PDT R-108 to NANDO.

Licensed to Elefant air. Printed on 06 Sep 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

JEPPES EN

JeppView 3.5.2.0

MADRID, SPAIN I JEPPESEN LETO/TOJ 6 APR 07 (30-3C) TORRÉJON Apt Elev Trans level: By ATC Trans alt: 13000' 2026' 9200' PINAR THREE FOXTROT (PINAR 3F) [PINA3F] 4700' PINAR THREE GOLF (PINAR 3G) [PINA3G] RWYS 23, 05 DEPARTURES MSA VJZ VOR **PINAR** N40 58.8 W002 35.9 ROBLEDILLO -113.95 RBO N40 51.2 W003 14.8 **D34.1 VJZ** N40 55.7 W002 47.2 TORREJON -(F) 115.1 VJZ N40 33.8 W003 21.6 PINAR 3F At or above 3500' PINAR 3G At or above 3300 FERDI N40 49.9 W002 56.4 At or above 9000' At 2400' CAT A **MAX 110 KT** CAT B NOT TO SCALE **MAX 145 KT** CAT C **MAX 180 KT** These SIDs require minimum climb gradients CAT D **MAX 205 KT** PINAR 3F 322' per NM (5.3%) until leaving 9000'. PINAR 3G 273' per NM (4.5%) until leaving 9000'. 100 150 200 250 300 Gnd speed-KT 322' per NM 403 | 537 | 805 | 1073 | 1342 | 1610 273' per NM 342 | 456 | 684 | 911 | 1139 | 1367

SID	RWY	ROUTING					
PINAR 3F	23	Climb to 2400', turn LEFT to VJZ, VJZ R-052 via FERDI to D34.1 VJZ,					
		turn RIGHT, intercept RBO R-078 to PINAR.					
PINAR 3G	05	Climb to VJZ, VJZ R-052 via FERDI to D34.1 VJZ, turn RIGHT, intercept RBO R-078 to PINAR.					

© JEPPESEN SANDERSON, INC., 2005, 2006. ALL RIGHTS RESERVED.

Licensed to Elefant air. Printed on 06 Sep 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

MADRID, SPAIN I JEPPESEN LETO/TOJ 6 APR 07 (30-3D) TORRÉJON Apt Elev Trans level: By ATC Trans alt: 13000' 2026' 9200' ROBLEDILLO TWO FOXTROT (RBO 2F) 4700' ROBLEDILLO TWO GOLF (RBO 2G) SOMOSIERRA TWO FOXTROT (SIE 2F) MSA VJZ VOR SOMOSIERRA TWO GOLF (SIE 2G) RWYS 23, 05 DEPARTURES **←**271° D10 RBO × N41 01.1 W003 12.5 SOMOSIERRA 115.4 SIE N41 09.1 W003 36.3 At or above 12000 ROBLEDILLO -113.95 RBO N40 51.2 W003 14.8 **TORREJON** RBO 2F SIE 2F (F) 115.1 VJZ At or above N40 33.8 W003 21.6 10000′ At or above 3500' RBO 2G SIE 2G At or above 9500' At 2400' CAT A NOT TO SCALE **MAX 110 KT** CAT B These SIDs require minimum climb gradients **MAX 145 KT** RBO 2F, SIE 2F, SIE 2G CAT C 322' per NM (5.3%) until leaving RBO 2G **MAX 180 KT** 322' per NM (5.3%) until leaving 9500'. CAT D 75 100 150 200 250 300 Gnd speed-KT **MAX 205 KT** 322' per NM 403 | 537 | 805 | 1073 | 1342 | 1610 SID RWY ROUTING Climb to 2400', turn LEFT to VJZ, VJZ R-052 to D3 VJZ, turn LEFT, RBO 2F 23 intercept RBO R-189 inbound to RBO. RBO 2G Climb to VJZ, VJZ R-052 to D3 VJZ, turn LEFT, intercept RBO R-189 inbound to RBO. SIE 2F Climb to 2400', turn LEFT to VJZ, VJZ R-052 to D3 VJZ, turn LEFT, intercept RBO R-189 inbound to RBO, RBO R-012 to D10 RBO, turn LEFT, intercept SIE R-091 inbound to SIE. SIE 2G Climb to VJZ, VJZ R-052 to D3 VJZ, turn LEFT, intercept RBO R-189 inbound to RBO, RBO R-012 to D10 RBO, turn LEFT, intercept SIE

JEPPESEN

JeppView 3.5.2.0

R-091 inbound to SIE

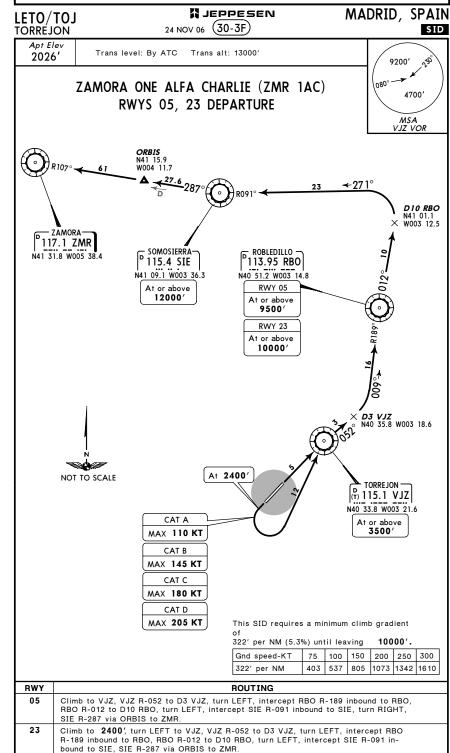
MADRID, SPAIN I JEPPESEN LETO/TOJ 6 APR 07 (30-3E) TORRÉJON Apt Elev Trans level: By ATC Trans alt: 13000' 2026 9200' VILLATOBAS ONE X-RAY (VTB 1X) 4700' VILLATOBAS ONE ZULU (VTB 1Z) RWYS 05, 23 DEPARTURES MSA VJZ VOR MAX 220 KT TORREJON-(T) 115.1 VJZ N40 33.8 W003 21.6 INITIAL × **D3 VJZ**o N40 35.8 W003 18.6 At or above 3300' At 2400' - BARAJAS — 116.45 BRA N40 28.1 W003 33.5 **ELVIR** N40 22.4 W003 13.9 At or above 5000' CAT A **MAX 110 KT** 185 KT CAT B **MAX 145 KT** PERALES -CAT C 116.95 PDT **MAX 180 KT** N40 15.2 W003 20.9 CAT D VTB 1X MAX 205 KT At or above 9500' NOT TO SCALE VILLATOBAS-These SIDs require minimum climb gradients 112.7 VTB VTB 1X N39 46.8 W003 27.8 9500'. 322' per NM (5.3%) until leaving VTB 1Z 5000'. 322' per NM (5.3%) until leaving 75 | 100 | 150 | 200 | 250 | 300 Gnd speed-KT 322' per NM 403 | 537 | 805 | 1073 | 1342 | 1610

SID	RWY	ROUTING
VTB 1X	05	Climb to VJZ, VJZ R-052 to D3 VJZ, turn LEFT to VJZ, PDT R-360 inbound to PDT, turn RIGHT, VTB R-013 inbound to VTB.
VTB 1Z	23	Climb to 2400', turn LEFT, intercept BRA R-113 to ELVIR, turn RIGHT to

CHANGES: SID VTB 1X radial update.

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

JEPPESEN Licensed to Elefant air. Printed on 06 Sep 2008. JeppView 3.5.2.0 NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008



MADRID, SPAIN **MALEPPESEN** LETO/TOJ (30-3G)TORREJON 24 NOV 06 SID Apt Elev Trans level: By ATC Trans alt: 13000' 2026' ZAMORA ONE BRAVO (ZMR 1B) 4700, ZAMORA ONE DELTA (ZMR 1D) 9200, ZAMORA ONE ROMEO (ZMR 1R) RWYS 05, 23 DEPARTURES A 0 TORREJON 115.1 VJZ NWO 33.8 WOO 3 21.4 CONFELY ZMR 18 A 1 or above 33.0 CMR 1R A 1 or above ZMR 1R A 1 or above 3500′ MAX 220 KT At or abov **5000**′ MAX 185 KT **D3 VJZ** N40 35.8 W003 18.6 R-321 via AVILA to ZMR.

Climb to 2400', turn LEFT, intercept BRA-113 to ELVIR, turn RIGHT to PDT, PDT R-282 (NVS R-102 inbound) to NVS, NVS R-321 via AVILA to ZMR.

Climb to 2400', turn LEFT to VJZ, VJZ R-052 to D3 VJZ, turn LEFT to VJZ, VJZ R-226 to D19 VJZ, turn RIGHT, intercept NVS R-102 inbound to NVS, NVS R-321 via AVILA to ZMR. imb to VJZ, VJZ R-052 to D3 VJZ, turn LEFT to VJZ, VJZ R-226 D19 VJZ, turn RIGHT, intercept NVS R-102 inbound to NVS, NVS 321 via AVILA to ZMR. 282°(*D9 VJL*At or above 8000′ PERALES — 116.95 PDT N40 15.2 W003 20.9 **© ZMR 1B:**THR05 - VJZ,
SNM **ZMR 1B, 1R:**VJZ - D9 VJZ,
9NM Initial turn at 2400′ ZMR 1D, 1R 0 **D19 VJZ** N40 19.9 W003 38.6 CAT A MAX 110 KT CATD × 205 KT CAT B MAX 145 KT CAT C MAX 180 KT P116.45 BRA N40 28.1 W003 33.5 MAX SID ZMR 1B 1D 18 0 P 114.95 NVS N40 22.1 W004 15.0 ZMR ZMR
 75
 100
 150
 200
 250
 300

 342
 456
 684
 911
 1139
 1367

 403
 537
 805
 1073
 1342
 1610
 AVILA N40 37.5 W004 33.0 require minimum climb gradients 5000'. 9000'. P ZAMORA TIT7.1 ZMR N41 31.8 W005 38.4 ZMR 1B 273' per NM (4.5%) until leaving 322' per NM (5.3%) until leaving ZMR 1B 322' per NM (5.3%) until leaving ◁ NOT TO SCALE Gnd speed-KT 273' per NM 322' per NM These SIDs r of

JEPPESEN Licensed to Elefant air. Printed on 06 Sep 2008. JeppView 3.5.2.0 NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

LETO/	TOJ_	Ŭ JEPPE	SEN	MA	ADRID, S	SPAI
Apt Elev N40 29.8	2026 ′ W003 26.8	22 SEP 06 30-9	Eff 28 Sep			REJO
	TORREJON Grou	nd		Tower		
<u> </u>	118.3			122.1		
03-29 40-31	03-28	03-27	03-26	(Fig.	03-25	40-31 -
	PARKING F STAND	COORDINATES	1066′ <i>325m</i> Stopway	J. Jackgra	$\setminus \uparrow$	
-	A1, A2, A4, A5, B1 thru A3	B3 N40 28.8 W003 27.4 N40 28.8 W003 27.5		Elev	25/	
-	A6 thru A9, A12, B4 thru A10, A11, B7, B8	B6 N40 28.9 W003 27.4 N40 28.9 W003 27.3	c ₈ m C7	C63	~\	
_ _ 40-30		2129'	C62 C4 C61			40-30 -
-		ARP—	C4 C61			
E		PE3 C6		y 05 & 23 righ	t-hand circuit	
-		C8 \$ C3	03-26		03-25	111
_ _ 40-29	2740′ <i>835m</i> Stopway	C2 PE2	-29 C1 03-27	7.5 03-2		
-		C1 A Control	_ C	6	APRO	
_	205	Tower	40-28.9	P. Va.		40-28.9
-	Feet 0 2000	4000 6000	#	R 15 15 15 15 15 15 15 15 15 15 15 15 15	, 83 KJ	
_ _ 40-28	Meters 0 500 100		-28 — 40-28.8	A 8551	Ar	40-28.8
- 03-29 -	03-28	03-27	03-27	7.5 03-2	7.4 03-2	7.3
		ADDITIONAL RUNWA		JSABLE LENGTH	is	ı
RWY	1		Threshold	G BEYOND —— Glide Slope	TAKE-OFF	WIDTI
05 23	HIRL CL HIALS REIL HIRL CL HIALS REIL	PAPI (3.0°) LDIN PAPI (3.0°)		10,672' <i>3253m</i>		197' 60m
23	HIRL CL HIALS REIL	LDIN FAFI (3.0)		10,072 0250111		Com
JAR-OP	S	TAKE-C				
	LVP must be i	All R	wys	ı		
	RL & CL	RCLM (DAY only) or RL	RCLM (DAY o	nly)	NIL (DAY only)	
A B C	200m	250m	400m		500m	
D	250m	300m	100			
LE Oper	ators applying U.S. Ops ۵	pecs: CL required below 3	oum.			

MADRID, SPAIN MJEPPESEN. LETO/TOJ 22 SEP 06 (31-1) Eff 28 Sep ILS Z Rwy 23 TORRÉJON MADRID Approach TORREJON Tower Ground 118.3 118.4 (East) 118.75 122.1 LOC Final GS ILS DA(H) Apt Elev 2026 ITJA Apch Crs No alt Refer to RWY 2026 225° published 109.5 Minimums 9200' MISSED APCH: As soon as possible turn LEFT (MAX 185 KT, do not overshoot 8 DME Arc VJZ) onto 008° to intercept and follow 4700' R-075 BRA to DUKKE and join holding at 6000'.
Do not turn before MAP. Alt Set: hPa Rwy Elev: 72 hPa ILS DME reads zero at rwy 23 threshold Trans level: By ATC Trans alt: 13000 MSA VJZ VOR رر 5069 LE(D)-41 2904' 2871 ROBLEDILLO-LE(D)-87 3281'° 113.95 RBO LE(D)-17 ∆^{2815′} 2854 3100' 2690' D7.0 VJZ 3199 2707' D11.6 ITJA 3199' 134° D26.0 225° 109.5 ITJA RBO 2625 2510' TORREJON (T) 115.1 VJZ DÙKKE D4.6 ITJA • 2477' 3035 3199' D2. 117JA 29531 DO.8 IT. 2953′ 2995' • 3166' 40-30 LE(D)-94 de DAJ OVERSHOOT • 2789' 3163' 2969' Madrid O NOT OVERSHOOT (Barajas) ME Arc VJZ 2854' • ²⁹⁰⁴′ BARAJAS-D 116.45 BRA 2772′ 2625′ ⁰³⁻²⁰ 03-30 03-00 LE(P)-140 02-50 LOC ITJA DME 2.0 3.0 4.0 (GS out) ALTITUDE 2740' 3070 3390' VJZ VOR D4.6_ITJA **D7.0** VJZ D11.6 ITJA **D2.1**ITJA 225° 5000 73600′ 2780' DO. BITJA TCH 49' RWY 23 2026 7.0 Gnd speed-Kts 70 90 100 120 140 160 377 484 538 646 753 861 Refer to ILS GS 3.00° Missed Apch 383 492 547 656 766 875 LOC Desc Grad 5.4% above MAP at D0.8 ITJA STRAIGHT-IN LANDING RWY 23 LOC (GS out) JAR-OPS CIRCLE-TO-LAND Missed apch climb gradient mim 3.0% 1 _{DA(H)} A: **2467**′(441′) C: **2487**′(461′ MDA(H) 2580' (554') B: **2479**′(453′) D: **2498**′(472 ALS out RVR 1000m 2580' (554') 1500m RVR 1500m 2890' (864') 1600m RVR 1200m RVR 800m RVR 1200m 3050' (1024') 2400m RVR 2000m 3140' (1114') 3600m RVR 1600m Missed apch climb gradient mim 2.5%: DA(H) A: 2542' (516'), B: 2554' (528'), C: 2562' (536'), D: 2573' (547').

© JEPPESEN SANDERSON, INC., 2003, 2006. ALL RIGHTS RESERVED.

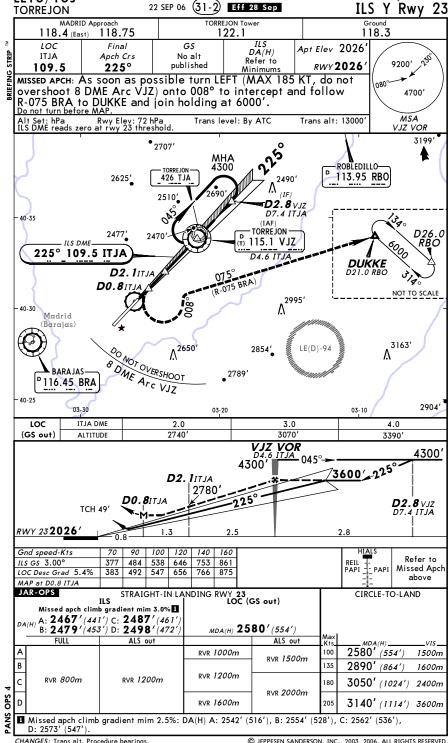
CHANGES: Trans alt. Procedure bearings.

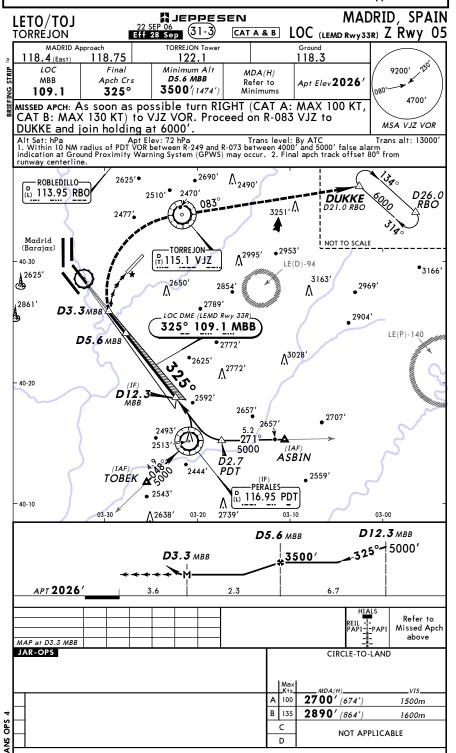
JEPPESEN Licensed to Elefant air. Printed on 06 Sep 2008. JeppView 3.5.2.0 NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

MJEPPESEN

LETO/TOJ

MADRID, SPAIN





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

CHANGES: Procedure.

Licensed to Elefant air. Printed on 06 Sep 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

CHANGES: Procedure

JEPPESEN **JeppView 3.5.2.0**

MADRID, SPAIN MJEPPESEN LETO/TOJ 22 SEP 06 Eff 28 Sep 31-4 CAT C & D LOC (LEMD RWy 33R) Y RWY 05 TORRÉJON MADRID Approach TORREJON Tower Ground 118.75 122.1 118.3 118.4 (East LOC Final 9200' Minimum Alt MDA(H)MBB Apch Crs D5.4 MBB Refer to Apt Elev2026 325° 3500'(1474' Minimums 109.1 4700' MISSED APCH: As soon as possible turn RIGHT (CAT C: MAX 160 KT, CAT D: MAX 185 KT) to VJZ VOR. Proceed on R-083 VJZ to MSA VJZ VOR DUKKE and join holding at 6000'. Trạns alt: 13000' **2**690′ 2625' ROBLEDILLO-(L) 113.95 RBO 2510' ° 2470' D26.0 DUKKE RBO D21.0 RBO 2477 Madrid NOT TO SCALE **∆**^{2995′} •2953['] (Barajas TORREJON (T) 115.1 VJZ 40-30 LE(D)-94 •3166' 2625 3163 2650' ຝ 2969 2854 2861 2789 LOC DME (LEMD Rwv 33R) 2904 **D4.2** MBB 325° 109.1 MBB D5.4 MBB LE(P)-140 V₃₀₅₈, •2625' **∆**^{2772′} **5**0 40-20 D12.3 MBB 2657' • 2707' 2493'● -27 1 2513 (IAF) 5000 ASBIN D2.7 TOBEK A -PERALES-ែ 116.95 PDT • 2543′ - 40-10 2638 03-20 2739 03-10 03-00 03-30 **D12.3** MBB **D5.4** MBB 325° - 5000 3500 **D4.2** MBB **APT 2026** 6.9 Refer to EIL -||-API -||-PAPI Missed Apch above MAP at D4.2 MBB JAR-OPS CIRCLE-TO-LAND Α NOT APPLICABLE В 3050' (1024') 2400m 3140' (1114') 3600m

Licensed to Elefant air. Printed on 06 Sep 2008.

NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

JEPPES EN

Jepp View 3.5.2.0

MADRID, SPAIN Z2 SEP 06 71 5 LETO/TOJ Eff 28 Sep (31-5) LOC (LEMD RWy33L) X RWY 05 CAT A & B TORRÉJON Ground MADRID Approach TORREJON Tower 118.75 122.1 118.3 118.4 (East) 9200' 🥸 LOC Minimum Alt MDA(H) MAA Apch Crs D5.7 MAA Refer to Apt Elev2026 325° 3500' (1474' 109.9 Minimums 4700' MISSED APCH: As soon as possible turn RIGHT (CAT A: MAX 100 KT, CAT B: MAX 130 KT) to VJZ VOR. Proceed on R-083 VJZ to MSA VJZ VOR DUKKE and join holding at 6000' Alt Set: hPa Apt Elev: 72 hPa Trans level: By ATC Trans alt:

1. Within 10 NM radius of PDT VOR between R-249 and R-073 between 4000' and 5000' false alarm indication at Ground Proximity Warning System (GPWS) may occur. 2. LOC signals restricted within +35° and -19° between 10 NM and 17 NM. 3. Final apch track offset 80° from runway centerline. Trans alt: 13000 2690 2625′● Λ_{2490′} -ROBLEDILLO-D ROBLEDILLO RBO 2510' 2470' DÚKKE D21.0 RBO 083° RBO 2477 Madrid NOT TO SCALE ∆^{2995′} •2953' (Barajas TORREJON (T) 115.1 VJZ 40-30 LE(D)-94 •3166 2625 3163 2650 2969 ♨ 2854 Λ 2789' LOC DME (LEMD Rwy 33L) 2861 2904' **D3.4** MAA 325° 109.9 MAA LE(P)-140 D5.7 MAA V₃₀₅₈, •2625' 40-20 D12. 2592' 2657' 2707 2657 2493' 5000 ASBIN TOBEK A -PERÁLES-2543' 116.95 PDT 40-10 2638 03-20 2739 03-00 D12.0MAA **D5.7**MAA **325°**→5000′ **D3.4** MAA 3500 APT 2026 Refer to Missed Apch above MAP at D3.4 MAA JAR-OPS CIRCLE-TO-LAND 100 2700' (674' 1500m 135 2890' (864' 1600m С NOT APPLICABLE D

CHANGES: Procedure.

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

Licensed to Elefant air. Printed on 06 Sep 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008 JEPPESEN JeppView 3.5.2.0

MADRID, SPAIN JEPPESEN LETO/TOJ 22 SEP 06 Eff 28 Sep 31-6 CAT C & D LOC (LEMD RWy33L) V RWY 05 TORRÉJON MADRID Approach TORREJON Tower Ground 118.75 122.1 118.3 118.4 (East) LOC Final Minimum Alt 9200' MDA(H) MAA Apch Crs D5.2 MAA Refer to Apt Elev2026 325° 3500'(1474') Minimums 109.9 4700' MISSED APCH: As soon as possible turn RIGHT (CAT C: MAX 160 KT, CAT D: MAX 185 KT) to VJZ VOR. Proceed on R-083 VJZ to DUKKE and join holding at 6000'. MSA VJZ VOR Alt Set: hPa Apt Eley: 72 hPa Trans level: By ATC Trans alt: 1. Within 10 NM radius of PDT VOR between R-249 and R-073 between 4000' and 5000' false alarm indication at Ground Proximity Warning System (GPWS) may occur. 2. LOC signals restricted within +35° and -19° between 10 NM and 17 NM. 3. Final apch track offset 80° from runway centerline. 2690 2625′● ·ROBLEDILLO-Λ_{2490′} 2510' 2470' L) 113.95 RBO DÚKKE 083 RBO 3251,\lambda D21.0 RBO 2477 Madrid NOT TO SCALE $\Lambda^{2995'}$ •2953' (Barajas TORREJON (T) 115.1 VJZ 40-30 LE(D)-94 •3166′ 12625 3163 2650' 2969 (4) 2854 2789' LOC DME (LEMD Rwy 33L) 2861 • ²⁹⁰⁴′ **D3.9**MAA 325° 109.9 MAA LE(P)-140 D5.2MA ∧³⁰²⁸ •2625 40-20 D12.0= 2657 MAA2707′ 2657 7.9 2493% 2513' 5000 ASBÍN •2559′ TOBEK –PERALES– PDT (L) 116.95 PDT 40-10 ۸ ²⁶³⁸′ 03-30 03-20 2739 03-00 D12.0 MAA **D5.2** MAA 325° - 5000° 3500 **D3.9** MAA APT 2026 HIALS REIL -!-PAPI -!-PAPI Refer to Missed Apch above MAP at D3.9 MAA JAR-OPS CIRCLE-TO-LAND Α NOT APPLICABLE В 3050' (1024') 2400m 3140' (1114') 3600m

CHANGES: Procedure

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

Licensed to Elefant air. Printed on 06 Sep 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008 **JEPPESEN** JeppView 3.5.2.0

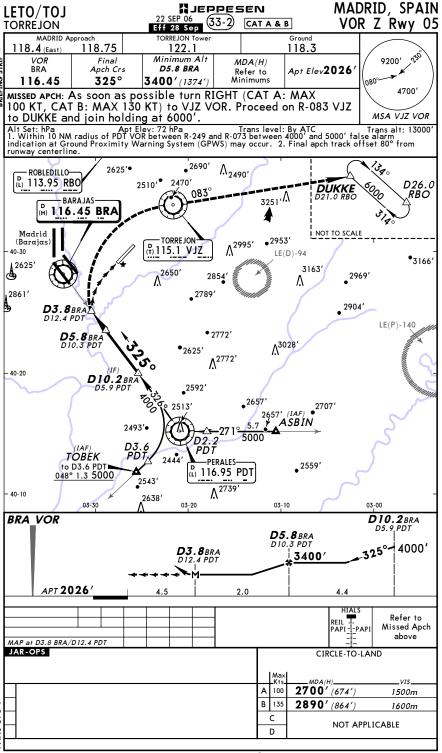
MADRID, SPAIN ¼ JEPPESEN LETO/TOJ 22 SEP 06 (33-1) Eff 28 Sep VOR Rwy 23 TORRÉJON TORREJON Tower MADRID Approach Ground 118.4 (East) 118.75 122.1 118.3 Final Minimum Alt Apt Elev 2026 MDA(H) Apch Crs VJZ VOR VJZ **2700'** (674') 9200' 225° 115.1 3600' (1574') RWY 2026 MISSED APCH: As soon as possible turn LEFT (MAX 185 KT, do not overshoot 8 DME Arc VJZ) onto 008° to intercept and follow 4700' R-075 BRA to DUKKE and join holding at 6000'. Rwy Elev: 72 hPa Trans level: By ATC Trans alt: 13000' MSA VJZ VOR 7.1₅₀₆₉; 2904' • 2936' 2641 LE(D)-41 • 2871′ 3281' ROBLEDILLO-113.95 RBO LE(D)-87 LE(D)-17 DME required. Λ²⁸¹⁵, 2854' _{∕3100′} Λ 2690' 31991 • 2707 40-40 **D7.0**VJZ 3199 Øg° D26.0 2625' RBO 3166 - TORREJON-2510' (T) 115.1 VJZ 3251 DÜKKE 426 TJA 3035 D21.0 RBO 2477'● 31991 **D3.8** VJZ 2953' 2953′ 2995' 3166 40-30 LE(D)-94 8 NOT OVERSHOOT 3163' Madrid O ME Arc VJZ 2969' 2854 2789 (Barajas) 2904 A BARAJAS-• 2772′ D 116.45 BRA 2625′ 3028' Λ₀₃₋₁₀ 03-20 03-00 VJZ DME 1.0 2.0 ALTITUDE 2950 3280' D7.0 VJZ VJZ VOR 225°- 5000 **D3.8** VJZ 3600 RWY 23 2026' 7.0 0.8 4.6 Gnd speed-Kts 70 90 | 100 | 120 | 140 | 160 Refer to Descent gradient 5.40% or REIL 384 494 658 548 768 878 Missed Apch PAPI - PAP Descent angle above MAP at D3.8 VJZ JAR-OPS STRAIGHT-IN LANDING RWY23 CIRCLE-TO-LAND MDA(H) 2700'(674') ALS out VIS 2700' (674') RVR 1200m 1500m RVR 1500m 2890'(864') 1600m RVR 1400m 180 3050' (1024') 2400m RVR 2000m 3140'(1114') RVR 1800m 3600m

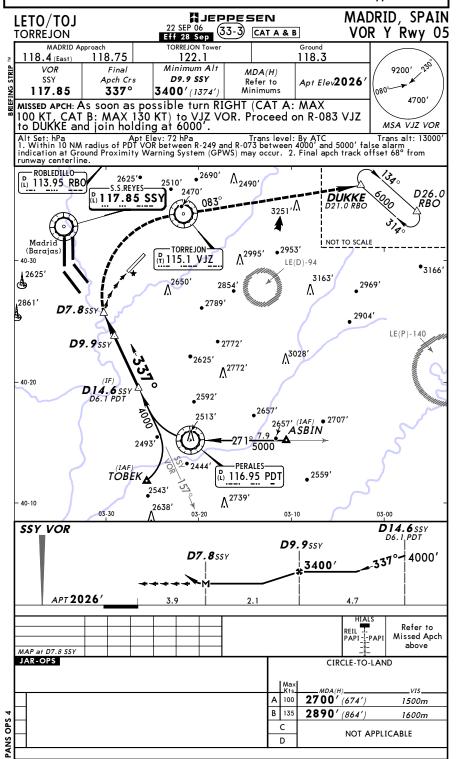
© JEPPESEN SANDERSON, INC., 2003, 2006. ALL RIGHTS RESERVED

CHANGES: Procedure title. Trans alt. Procedure bearings

Licensed to Elefant air. Printed on 06 Sep 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008

JEPPESEN JeppView 3.5.2.0

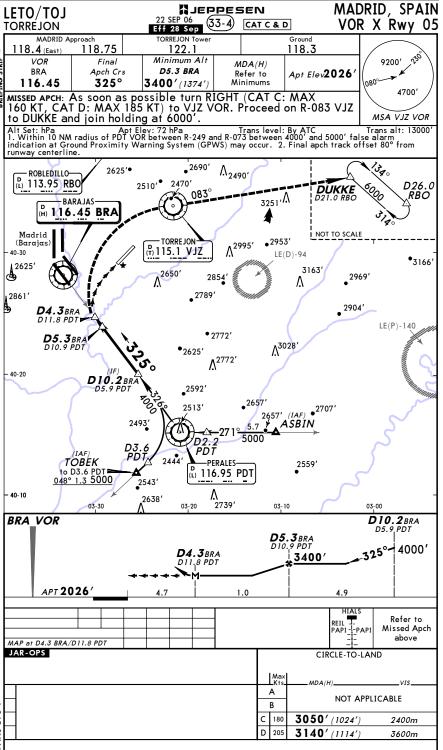




© JEPPESEN SANDERSON, INC., 2006. ALL RIGHTS RESERVED

CHANGES: Procedure.

Licensed to Elefant air. Printed on 06 Sep 2008. NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 10-2008 **JEPPESEN** JeppView 3.5.2.0



CHANGES: Procedure.

