

LMML/MLA
LUQA

8 SEP 06

JEPPesen
(10-1P1)

MALTA, MALTA
AIRPORT BRIEFING

1. GENERAL

1.5. TAXI PROCEDURES

Follow-me car required at NIGHT in Apron 5 and TWY P.
Taxilane I from stand 1 thru 5 MAX wingspan 118'/36m.
TWY K MAX wingspan 118'/36m.
TWY K between holding position K and THR 24 MAX wingspan 95'/29m and may be used with caution by ACFT with wingspan of 79'/24m and above.
Taxilane M MAX wingspan 171'/52m.
Taxilane N MAX wingspan 69'/21m.
TWY P MAX wingspan 79'/24m and not equipped with edge lights.
TWY Q between holding position Q2 and Apron 7 MAX wingspan 79'/24m.

1.6. PARKING INFORMATION

On Apron 2, push-back mandatory. Self-maneuvring allowed when adjacent stands vacant.
On Apron 4, use caution to reduce the effects of jet blast.
On Apron 8, stands to be used with marshaller guidance. Apply a minimum of 55° nose-gear angle on power turn-out from all stands.
On Apron 9, all stands to be used with marshaller guidance.
On Apron 9 stands 1 thru 8, apply a minimum of 55° nose-gear angle on power turn-out to maintain wingtip clearances.
Access to stands 18X and 21X only via Taxilane X.
Stand H1 available for helicopters.

1.7. OTHER INFORMATION

Birds in vicinity of APT.
RWYs 06 & 14 right-hand circuit.
First 1669'/600m of RWY 06 not completely visible from Control Tower.

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8 SEP 06

JEPPesen
(10-1P2)

MALTA, MALTA
AIRPORT BRIEFING

2. ARRIVAL

2.1. NOISE ABATEMENT PROCEDURES

When vectoring ACFT to the ILS on RWY 14, ATC will normally clear arriving ACFT to intercept GP at 3000'.
ACFT using the ILS shall, unless otherwise instructed by ATC:
- leave initial approach fix at 210 KT \pm 10 KT, maintain until 9 NM from touchdown (unless higher IAS is required for control purposes);
- reduce to 160 KT \pm 10 KT using an intermediate flap setting with landing gear retracted;
- intercept GP not lower than prescribed GP interception altitude;
- lower landing gear, set flaps for landing and establish final approach speed between 4 NM and 5 NM from touchdown.
ACFT approaching without ILS shall, while maintaining as high an altitude as practicable:
- follow a descent path which will not result in its being, at any time, lower than the approach path which would be followed by an ACFT using the ILS GP;
- fly as much as possible over the sea if executing a visual approach for RWY 32.

2.2. RWY OPERATIONS

2.2.1. RWY VACATION PROCEDURES

Unless otherwise instructed by ATC, pilots should plan to vacate the RWY after landing at the appropriate exit TWYs as follows:

Rwy 06: Vacate the RWY at the end via TWY J.

Rwy 14: Vacate the RWY at TWY D or C. When these exits are missed due to a long landing roll, continue to the end of RWY, vacate via TWY B and reposition on TWY A.

Rwy 24: Vacate the RWY at the end via TWY L.

Rwy 32:

ACFT assigned to Apron 9 should plan to vacate the RWY at TWY E or F. When these exits are missed due to a long landing roll, continue to the end of RWY. ATC will instruct ACFT to backtrack or vacate the RWY via TWY G.

ACFT assigned to Apron 1 thru Apron 4 or Apron 7 should plan to vacate via TWY Y.

ACFT assigned to Apron 8 should plan to vacate via TWY G.

2.3. TAXI PROCEDURES

Access to stands 18X & 21X is only allowed via Taxilane X.

2.4. OTHER INFORMATION

2.4.1. MISSED APCH PROCEDURE

2.4.1.1. ALL RWYS

The standard missed approach procedure for all RWYs is to climb STRAIGHT AHEAD to 3000', then continue as directed. Procedures in the event of a communication failure during a missed approach are specified in the relevant Instrument Approach Chart.

2.4.1.2. RWY 06

In the event of communication failure during a missed approach on RWY 06, climb STRAIGHT AHEAD to 3000' until D10.0 IQ, then turn LEFT to GZO VOR and climb to 4000' to perform an instrument approach procedure to land on RWY 14. If landing on RWY 14 is not possible, continue visually to land on RWY 06.

2.4.1.3. RWY 24

In the event of communication failure during a missed approach on RWY 24, climb STRAIGHT AHEAD to 3000' until D10.0 IQ, then turn LEFT to MLT NDB and climb to 4000' to perform an instrument approach procedure to land on RWY 32. If landing on RWY 32 is not possible, continue visually to land on RWY 24.

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8 SEP 06

JEPPesen
(10-1P3)

MALTA, MALTA
AIRPORT BRIEFING

3. DEPARTURE

3.1. TAXI PROCEDURES

On Apron 8, use caution to reduce effect of jet blast when taxiing out of apron.

3.2. NOISE ABATEMENT PROCEDURES

3.2.1. GENERAL

Take-off to 1800'

Take-off power
Take-off flaps

Climb at V₂ + 10 KT to 20 KT (or as limited by body angle).

Reduce thrust to not less than climb power/thrust.

At 1800'
1800' - 3300'

Climb at V₂ + 10 KT to 20 KT.

At 3300'
Accelerate smoothly to en-route climb speed with flap retraction on schedule.

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8 SEP 06

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(10-1P)

MALTA, MALTA
AIRPORT BRIEFING

1. GENERAL

1.1. ATIS

ATIS 127.4

1.2. NOISE ABATEMENT PROCEDURES

1.2.1. GENERAL

The following procedures are applicable between 2300-0600LT to all ACFT with a MTOW of more than 17000 KGS and may at any time be departed from to the extent necessary for avoiding immediate danger or for complying with ATC instructions. ACFT registered in, or operating to or from Malta must be noise certified according to ICAO Annex 16, VOL I Standards.

The Director of Civil Aviation is empowered to grant temporary exemption in certain cases if the operator furnishes proof of the economic or technical impossibility of operating to or from Malta by means of ACFT that comply with the ICAO Annex 16, VOL I Standards.

1.2.2. RUNWAY USAGE

Between 2300-0600LT ATC will select RWY 14 for departures and arrivals in accordance with the RWY selection system. This system is applied by ATC on a daily basis as follows:

- RWY 32 is selected as the preferred main RWY for landings and departures between 0600-2300LT unless the tailwind component exceeds 5 KT and/or the RWY surface is wet.

- RWY 14 is selected as the main RWY for landings and departures between 2300-0600LT due to noise abatement regulations, unless the tailwind component exceeds 5 KT and/or the RWY surface is wet.

This RWY selection system is not applicable when wind shear has been reported or forecast or when thunderstorms are expected to affect the approach or departure. When crosswind component on preferred RWYs 14/32 exceeds 15 KT, RWY 06/24 will be used instead. ACFT unable to use RWY 06/24 due to RWY or associated TWY limitations inform ATC as soon as possible.

Delays may be expected for ACFT requesting alternative RWYs from those declared by ATC.

1.2.3. RUN-UP TESTS

Engine ground run-ups above idle power are prohibited between 2300-0600LT unless exceptional overriding operational requirements exist. At all other times, ground running is to be kept to the minimum consistent with operational needs.

1.3. LOW VISIBILITY PROCEDURES (LVP)

Low visibility procedures will come into effect when RVR is less than 1500m.

When RVR is less than 1500m

- RWY 14/32 will be the preferential RWY;

- only one ACFT will be given taxi instructions at any one time and no taxi instructions will be issued if another ACFT is shortly expected on the RWY;
- vehicular traffic will be restricted to a minimum and will be required to have the hazard light beacon switched on.

When RVR is less than 800m, additionally

- all RWY lights will be on a maximum power setting and no adjustments to the lighting controls will be made unless requested by the pilot;
- failure of any visual aids will be immediately reported to the pilot;
- maintenance and works personnel will be removed from RWYs and TWYs.

1.4. RWY OPERATIONS

When associated crosswind component on the preferred RWY 14/32 exceeds 15 KT, RWY 06/24 will be used. Pilots of ACFT unable to use RWY 06/24 should inform ATC as soon as possible. Delays may be expected for ACFT requesting alternative RWYs from those declared by ATC.

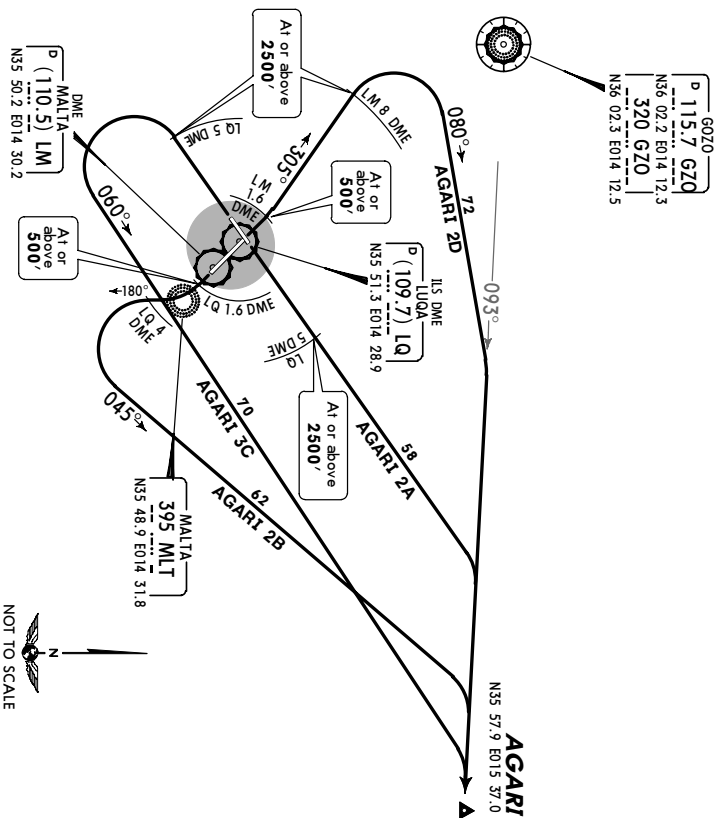
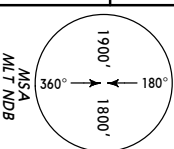
Notice: After 7.12.2006 0901Z this chart should not be used without first checking JeppView or NOTAMS

MALTA, MALTA
SID

MSA
MLT NDB

1800'

360° 180°

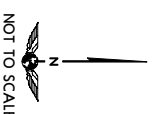
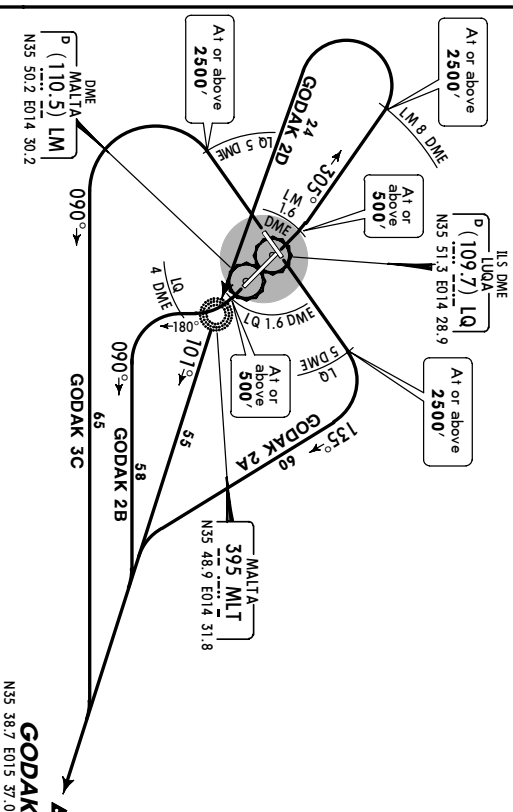
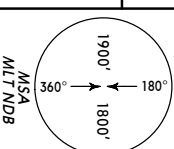


Initial climb clearance 5000', maintain unless directed otherwise by ATC.	
SID	ROUTING
AGARI 2A	06 Straight ahead, intercept GZO R-093 to AGARI.
AGARI 2B	14 To LQ 1.6 DME, turn RIGHT, 180° track until LQ 4 DME, turn LEFT, 045° track, intercept GZO R-093 to AGARI.
AGARI 3C	24 To LQ 5 DME, turn LEFT, 360° track, intercept GZO R-093 to AGARI.
AGARI 2D	32 To LM 1.6 DME, turn LEFT, 305° track until LM 8 DME, turn RIGHT, 080° track, intercept GZO R-093 to AGARI.

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**MALTA, MALTA
SID**

— 180°



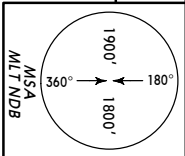
Initial climb clearance 5000' , maintain unless directed otherwise by ATC.		
SID	RWY	ROUTING
GODAK 2A	06	To LQ 5 DME, turn RIGHT, 135° track, intercept 101° bearing from MLT to GODAK.
GODAK 2B	14	To LQ 1.6 DME, turn RIGHT, 180° track until LQ 4 DME, turn LEFT, 090° track, intercept 101° bearing from MLT to GODAK.
GODAK 3C	24	To LQ 5 DME, turn LEFT, 090° track, intercept 101° bearing from MLT to GODAK.
GODAK 2D	32	To LM 1.6 DME, turn LEFT, 305° track until LM 8 DME, turn LEFT to MLT, 101° bearing to GODAK.

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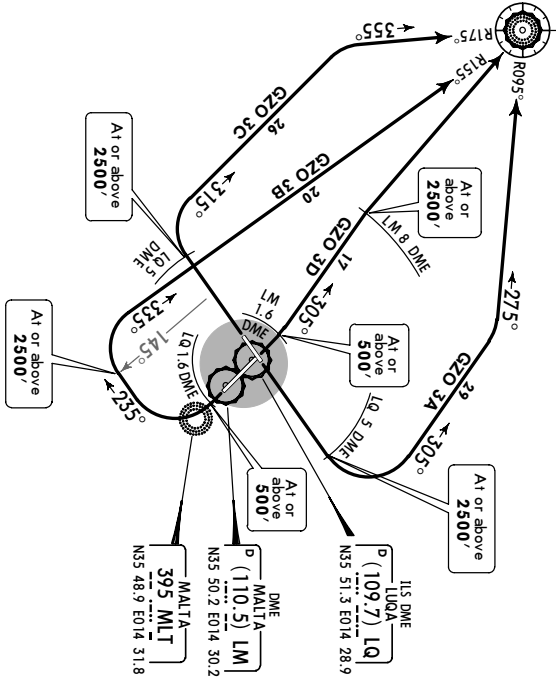
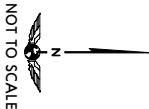
LMML/MLA **JEPPESSEN** **MALTA, MALTA**
LUQA 10 DEC 04 **(10-3B)** **EFH 23 Dec** **SID**

Apt Elev 300' **Trans level:** FL70 **Trans alt:** 5000'
When GZO VOR unserviceable equivalent bearing from GZO NDB shall be used.

GZO 3A (GZO 3A), GZO 3B (GZO 3B)
GZO 3C (GZO 3C), GZO 3D (GZO 3D)
RWYS 06, 14, 24, 32 DEPARTURES



GZO
P 115.7 GZO
NS6 02.2 E014 12.3
320 GZO
NS6 02.3 E014 12.5

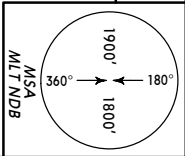


Initial climb clearance 5000', maintain unless directed otherwise by ATC.	
SID	ROUTING
GZO 3A	To LQ 5 DME, turn LEFT, 305° track, intercept GZO R-095 inbound to GZO VORDME.
GZO 3B	To LQ 1.6 DME, turn RIGHT, 235° until passing GZO R-145, turn RIGHT, intercept GZO R-155 inbound to GZO VORDME.
GZO 3C	To LQ 5 DME, turn RIGHT, 315° track, intercept GZO R-175 inbound to GZO VORDME.
GZO 3D	To LM 1.6 DME, turn LEFT, 305° track until LM 8 DME, turn RIGHT to GZO VORDME.

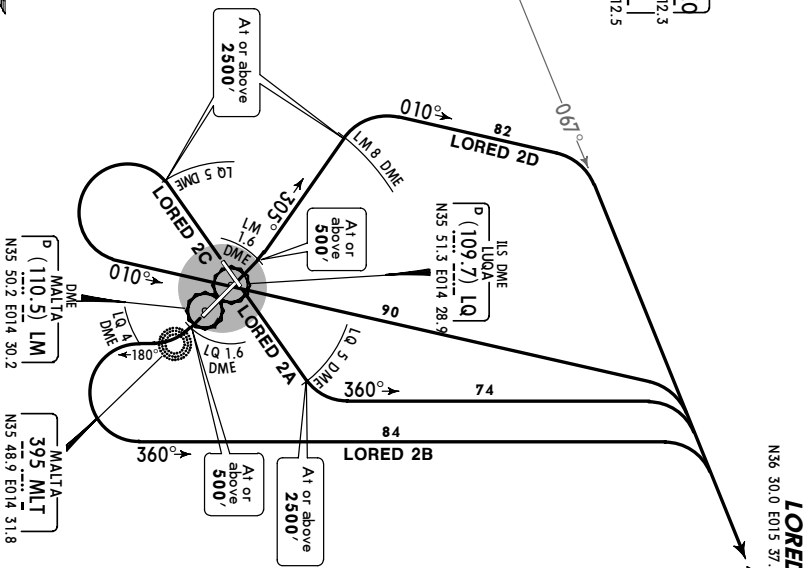
LMML/MLA **JEPPESSEN** **MALTA, MALTA**
LUQA 10 DEC 04 **(10-3C)** **EFH 23 Dec** **SID**

Apt Elev 300' **Trans level:** FL70 **Trans alt:** 5000'
When GZO VOR unserviceable equivalent bearing from GZO NDB shall be used.

LORED 2A [LORED2A], LORED 2B [LORED2B]
LORED 2C [LORED2C], LORED 2D [LORED2D]
RWYS 06, 14, 24, 32 DEPARTURES

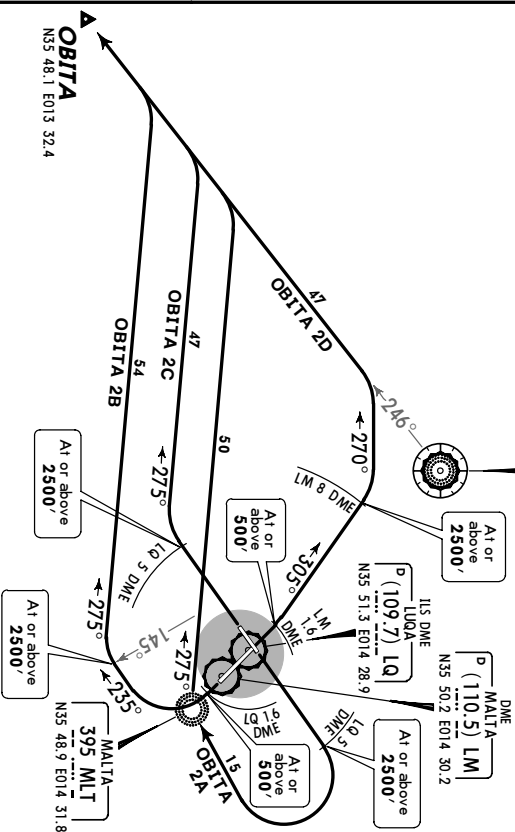
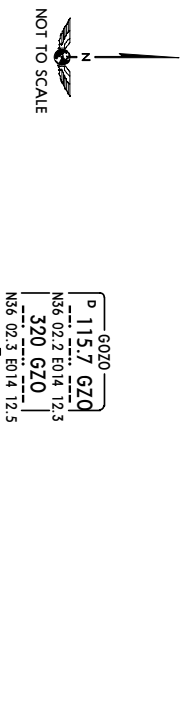
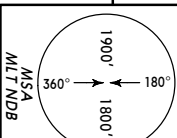


GZO
P 115.7 GZO
NS6 02.2 E014 12.3
320 GZO
NS6 02.3 E014 12.5



Initial climb clearance 5000', maintain unless directed otherwise by ATC.	
SID	ROUTING
LORED 2A	To LQ 5 DME, turn LEFT, 360° track, intercept GZO R-067 to LORED.
LORED 2B	To LQ 1.6 DME, turn RIGHT, 180° track until LQ 4 DME, turn LEFT, 360° track, intercept GZO R-067 to LORED.
LORED 2C	To LQ 5 DME, turn LEFT, 010° track, intercept GZO R-067 to LORED.
LORED 2D	To LM 1.6 DME, turn LEFT, 305° track until LM 8 DME, turn RIGHT, 010° track, intercept GZO R-067 to LORED.

MALTA, MALTA
SID



Initial climb clearance		5000', maintain unless directed otherwise by ATC.
SID		
RWY		
ROUTING		

OBITA 2A	06	To LQ 5 DME, turn RIGHT to MLT, 275° bearing, intercept GZO R-246 to OBITA.
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OBITA 2B	
14	To LQ 1.6 DME, turn RIGHT, 235° track until passing GZO R-145, turn RIGHT, 275° track, intercept, GZO R-246 to OBITA.

OBITA 2C	24	To LQ 5 DME, turn RIGHT, 275° track, intercept GZO R-246 to OBITA.
OBITA 2D	25	To LQ 4 DME, turn LEFT, 275° track, intercept GZO R-246 to OBITA.

OBITA 2D	32	10 LM 1.5 DME; turn LEFT, 305° track until LM 8 DME; turn LEFT, 270° track, intercept GZO R-246 to OBITA.
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CHANGES: DME ident MLA replaced by LM.

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MALTA, MALTA
SID

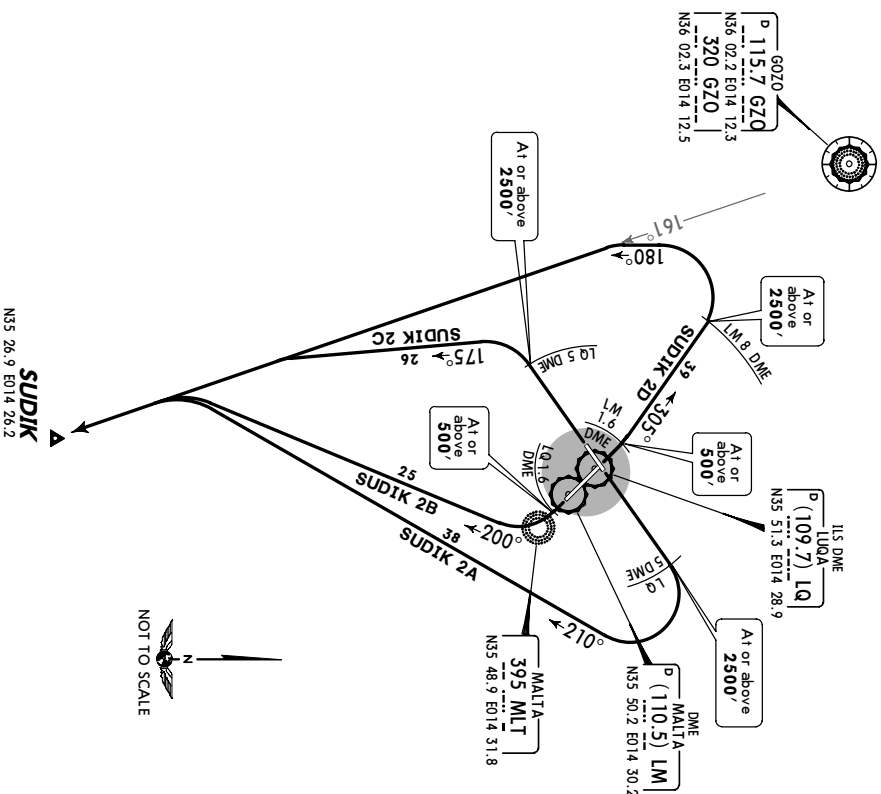
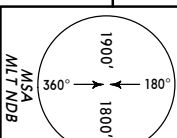
← 180°

MSA
MLT NDB

1900'

1800'

360° 180°



Initial climb clearance **5000'**, maintain unless directed otherwise by ATC.

SID	RWY	ROUTING
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SUDIK 2A	06	To LQ 5 DME, turn RIGHT, 210° track, intercept GZO R-161 to SUDIK.
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SUDIK 2B	14	To LQ 1.6 DME, turn RIGHT, 200° track, intercept GZO R-161 to SUDIK.
SUDIK 2C	24	To 1.0.5 DME, turn LEFT 175° track, intercept GZO R-161 to SUDIK

SUDIK 20	24	To LM 3 DME, turn LEFT, 170° track, intercept 920 ft-101 to 300 ft.
SUDIK 2D	32	To LM 1.6 DME, turn LEFT, 305° track until LM 8 DME, turn LEFT, 180°

	track, intercept GZO R-161 to SUDIK.
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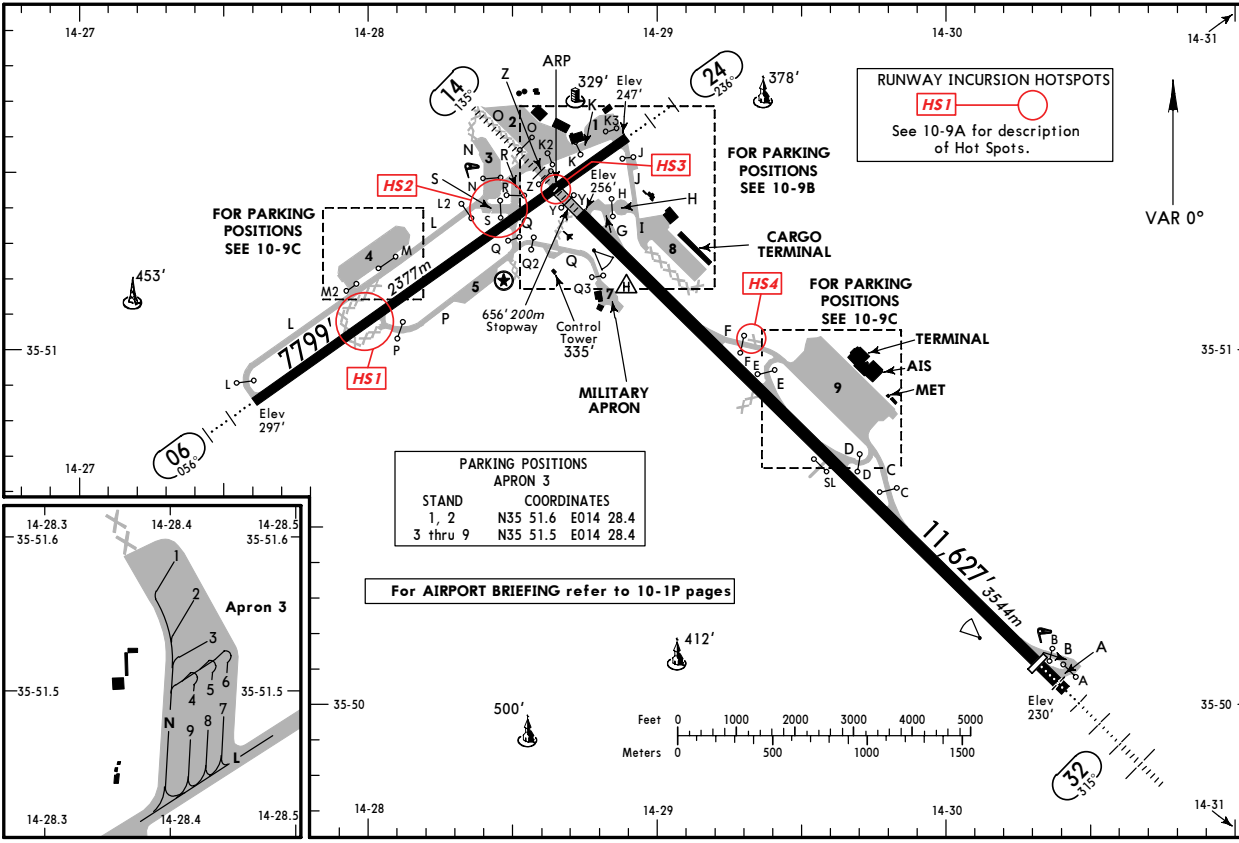
CHANGES: DME ident MLA replaced by LM.

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LMML/MLA
 Apt Elev **300'**
 N35 51.5 E014 28.7
JEPPesen 8 SEP 06 **(10-9)**
MALTA, MALTA
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127.4	121.82	135.1
ATIS	LUQA Apron 1	Tower 2

- All Inrl flights shall request clearance delivery with LUQA Apron.
- Actf parked on apron 9 shall request subsequent start-up and taxi instructions with LUQA Apron.
- Actf parked outside apron 9 shall request start-up and taxi instructions from LUQA Tower.



LMML/MLA
 8 SEP 06 **(10-9A)**
JEPPesen
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ADDITIONAL RUNWAY INFORMATION			
RWY	LANDING BEYOND	USABLE LENGTHS	
		Threshold	Glide Slope
06	24	HI RL (60m) HIALS PAPI (angle 3.00°)	1

TAKE-OFF RUN AVAILABLE

RWY 06:	RWY 24:
From rwy head	From rwy head
twy P Int	twy Y Int
twy R Int	twy Q Int

14	32	197'
HIRL (60m) HIALS CL (30m) PAPI 2	HST F&D RVR	10,677' 3235m
HIRL (60m) HIALS CL (30m) PAPI 2	HST C&E RVR	11,007' 3355m

angle 2.85°

TAKE-OFF RUN AVAILABLE

RWY 14:	RWY 32:
From rwy head	From rwy thresh
twy F Int	twy C Int
twy E Int	twy D Int

RUNWAY INCURSION "HOT SPOTS"

(For information only, not to be construed as ATC instructions.)

- HS1 Confusing twy crossing. Vehicular route closed for actf.
- HS2 Confusing twy & rwy crossing.
- HS3 Rwy intersection. Actf and vehicles to request ATC clearance.
- HS4 Confusing twy entry. Vehicular road closed to actf.

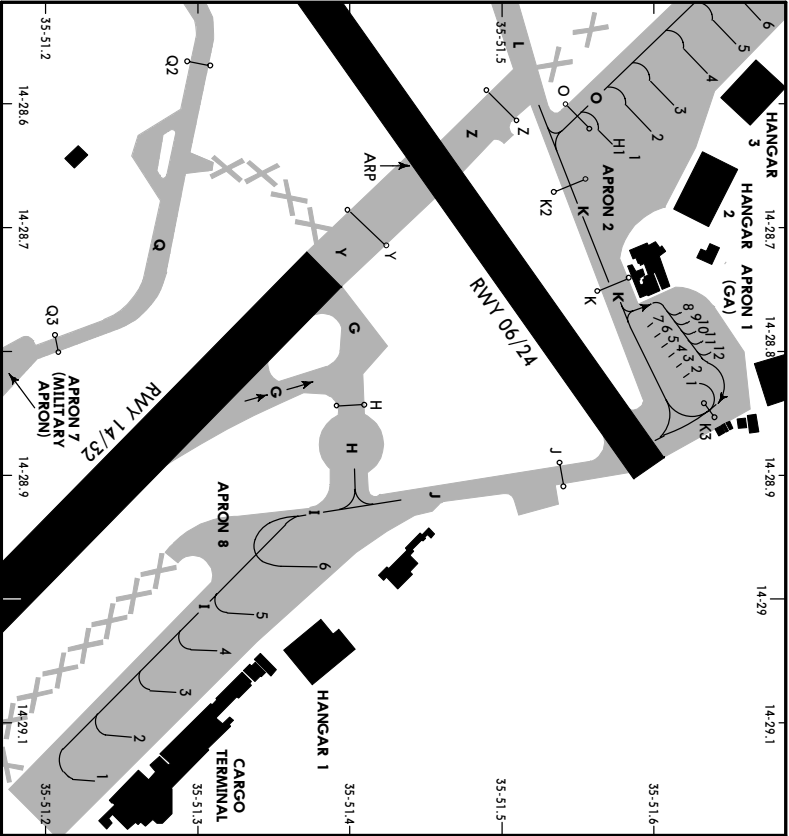
JAR-OPS

TAKE-OFF 1

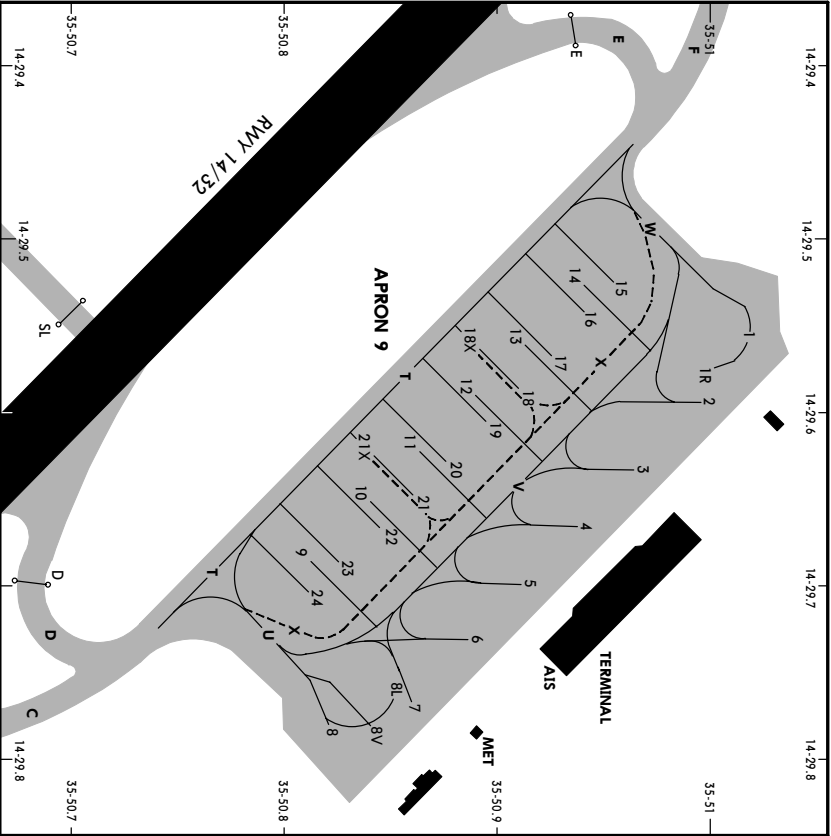
Rwy 14/32	LVP must be in Force	All Rwys
RL & CL	RCIM (DAY only) or RL	RCIM (DAY only) or RL

A	B	C	D
200m	200m	250m	250m
250m	250m	300m	300m

Operators applying U.S. Ops Specs: CL required below 300m.



INS COORDINATES			
STAND No.	COORDINATES	STAND No.	COORDINATES
1 thru 12	APRON 1 N35 51.6 E014 28.8	1	APRON 8 N35 51.2 E014 29.1
1 thru 4	APRON 2 N35 51.6 E014 28.6	2, 3	N35 51.3 E014 29.1
5	N35 51.7 E014 28.6	4, 5	N35 51.3 E014 29.0
6	N35 51.7 E014 28.5	6	N35 51.4 E014 29.0
H1	N35 51.6 E014 28.6		



INS COORDINATES	
STAND No.	COORDINATES
1, 1R 2 thru 4 5 thru 5B	APRON 4 N35 51.2 E014 27.9 N35 51.3 E014 28.0 N35 51.3 E014 28.1
1, 1R, 2 3 4 thru 6 7 thru 8V 9, 10 11 12, 13 14, 15 16 thru 20 21 21X 22 thru 24	APRON 9 N35 51.0 E014 29.6 N35 50.9 E014 29.6 N35 50.9 E014 29.7 N35 50.9 E014 29.5 N35 50.8 E014 29.6 N35 50.8 E014 29.7 N35 50.8 E014 29.6 N35 50.9 E014 29.6 N35 50.9 E014 29.5 N35 50.8 E014 29.7 N35 50.8 E014 29.6 N35 50.8 E014 29.7

MALTA, MALTA
ILS DME Rwy 14

ATIS		LUCA Approach/Radar		LUCA Tower
127.4		128.15		135.1
LOC	Final	GS/	ILS	
110.5	Archt Crs	Minimum Alt	DA(H)	
NDB	315°	D5.0 LM	Refer to Minimums	
MLT	1750' (1520')	NDB	Apt Elev 300'	
395		560' (530')	MDA(H)	Rwy 230'

MISSED APPROACH: CLIMB STRAIGHT AHEAD TO 3000' and as directed.

Level: FL 7C

Trans alt: 5000'

CAUTION: Do not mistake for Malta (Luqa) Apt.

MALTA
395 MLT

Good	70	90	100	120	140	160	<div><div>HIALS</div><div>3000'</div><div>PAPI + PAPI</div><div>PAPI + PAPI</div></div>	
715 G5	2.85°	3.59	4.61	5.12	6.15	7.17		8.20
D5.0 LM 10 MAP	5.0	4.17	3.20	3.00	2.30	2.09		1.53

CIRCLE-TO-LAND

CIRCLE-TO-LAND

DA(H) MDA(H)

A-445/'15/C-465/'235') A-520/'290/C-540/'310')

Prohibited North of rwy 06/24

MDA(H) ——— VIS ———

330'

0' (560')	1500m
0' (540')	1400m

	Max	
S out	Kts	MDA(H) — VIS —
100		860' 560' 11500'

0' (360')	1800m
0' (660')	2400m

00m	135	860' (560') 1600m
-----	-----	-------------------

0' (700') 3600m

800m	180	960'(660')2400m
2000m	205	1000'(700')3600m

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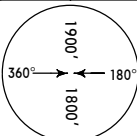
JEPPRESEN
18 AUG 06
EFF 31 Aug (16-1)

MALTA, MALTA
VOR NDB DME Rwy 14

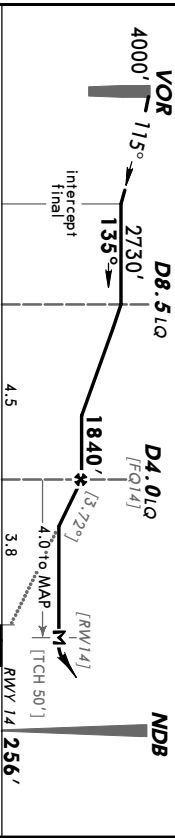
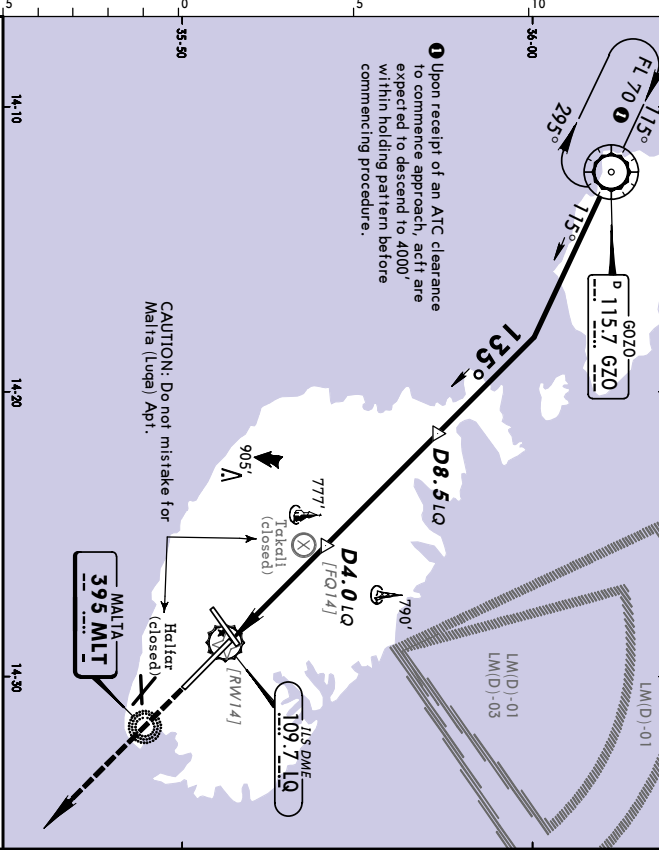
ATIS		LUQA Approach/Reader		LUQA Tower
127.4		128.15		135.1
NDB MLT 395	Final Appch Crs 135°	Minimum Alt D4.0 LQ 1840' (1584')	MDA(H) 830' (574')	Api Elev 300' RWY 256'

MISSED APCH: Climb STRAIGHT AHEAD to 3000' and as directed.
In case of Radio Comm Failure climb STRAIGHT AHEAD to 3000', continue until D10.0 LQ, then turn RIGHT to VOR, climb to 4000' for another approach.

Alt Set: hPa Rwy Elev: 9 hPa Trans level: FL 70 Trans alt: 5000' MSA MLT NDB



① Upon receipt of an ATC clearance to commence approach, acft are expected to descend to 4000' within holding pattern before commencing procedure.



Grnd speed-Kts	70	90	100	120	140	160
Descent Gradient-50% or	461	593	658	790	922	1053
Descent angle	[3.72°]					
D4.0 LQ to MAP	4.0	3.26	2.40	2.24	2.00	1.43
	1:30					

JAR OPS STRAIGHT-IN LANDING RWY 14

CIRCLE-TO-LAND

MDA(H) 830' (574')

ALS out

Prohibited North of rwy 06/24

A	RVR 1000m					
B	RVR 1200m					
C	RVR 1600m					
D	RVR 2000m					