

LIEE/CAG
ELMAS

JEPPESEN

2 MAR 07

10-2

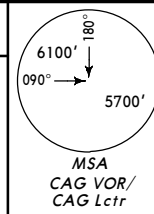
Eff 15 Mar

CAGLIARI, ITALY

STAR

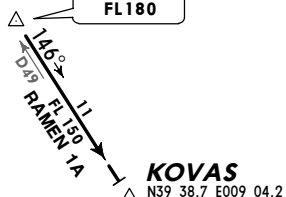
Apt Elev
13'

Alt Set: hPa
Trans level: By ATC Trans alt: 6000'



KOVAS 1A[KOVA1A], LEDRO 1A[LEDR1A]
LUKAD 1A[LUKA1A], PIRIX 1A[PIRI1A]
RAMEN 1A[RAME1A]
RWYS 14, 32 ARRIVALS
TO CAR VORDME/NDB

RAMEN
N39 48.2 E008 56.4
At or above
FL180



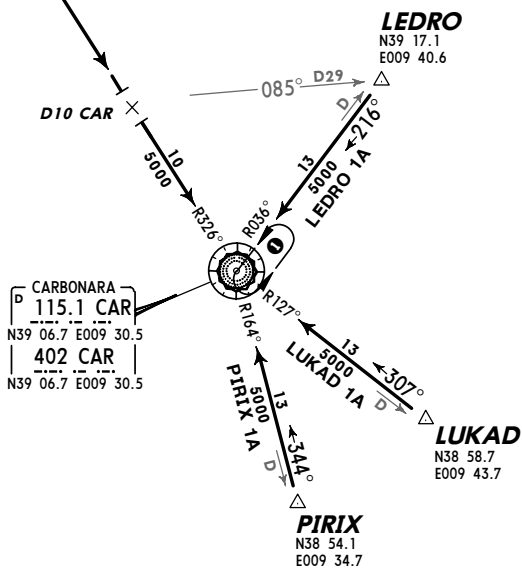
① MHA 5000', MHA 5500'
with MAX 280 KT.

CAGLIARI
113.4 CAG
N39 14.9 E009 03.2



CAGLIARI
371 CAG
N39 12.9 E009 05.8

CARBONARA
115.1 CAR
N39 06.7 E009 30.5
402 CAR
N39 06.7 E009 30.5



LIEE/CAG
ELMAS

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2 MAR 07

10-2A

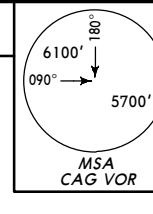
Eff 15 Mar

CAGLIARI, ITALY

STAR

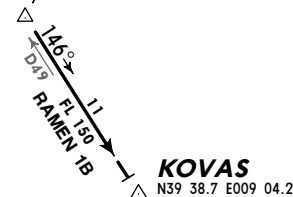
Apt Elev
13'

Alt Set: hPa
Trans level: By ATC Trans alt: 6000'



KOVAS 1B[KOVA1B], LEDRO 1B[LEDR1B]
LUKAD 1B[LUKA1B], PIRIX 1B[PIRI1B]
RAMEN 1B[RAME1B]
RWYS 14, 32 ARRIVALS
TO CAG VORDME
BY ATC
WHEN CAG VOR UNSERVICEABLE
REFER TO CHART 10-2B

RAMEN
N39 48.2 E008 56.4
At or above
FL180



KOVAS
N39 38.7 E009 04.2

181° D38 R036°

24 5000' KOVAS 1B RAMEN 1B

001° R085° R110°

29 5000' LEDRO 1B

23 5000' LUKAD 1B PIRIX 1B

290° R127° R164°

13 5000' LUKAD 1B PIRIX 1B

13 5000' PIRIX 1B

13 5000' LUKAD 1B

13 5000' PIRIX 1B

13 5000' LUKAD 1B

13 5000' PIRIX 1B

13 5000' LUKAD 1B

13 5000' PIRIX 1B

13 5000' LUKAD 1B

13 5000' PIRIX 1B

13 5000' LUKAD 1B

13 5000' PIRIX 1B

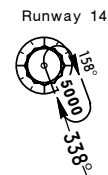
13 5000' LUKAD 1B

13 5000' PIRIX 1B



① MHA 5000', MHA 5500'
with MAX 280 KT.

HOLDINGS OVER
CAG



LIEE/CAG
ELMAS

JEPPESEN

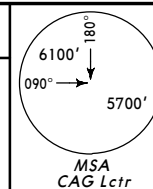
2 MAR 07 (10-2B) Eff 15 Mar

CAGLIARI, ITALY

STAR

Apt Elev
13'

Alt Set: hPa
Trans level: By ATC Trans alt: 6000'



KOVAS 1C [KOVA1C], LEDRO 1C [LEDRI1C]
LUKAD 1C [LUKA1C], PIRIX 1C [PIRI1C]
RAMEN 1C [RAME1C]
RWYS 14, 32 ARRIVALS
TO CAG LCTR
BY ATC
TO BE USED WHEN CAG VOR UNSERVICEABLE

RAMEN
N39 48.2 E008 56.4

At or above
FL180

TO BE USED WHEN CAG VOR UNSERVICEABLE

KOVAS

N39 38.7 E009 04.2



- 1 MHA 3000' with MAX 210 KT
(if unable to comply advice ATC),
MHA 3500' with MAX 230 KT,
MHA 4000' with MAX 280 KT.
- 2 MHA 5000', MHA 5500' with MAX 280 KT.

LEDRO

N39 17.1
E009 40.6
(CAR R-036/D13)

CAGLIARI
371 CAG
N39 12.9 E009 05.8

CARBONARA
115.1 CAR
N39 06.7 E009 30.5
402 CAR
N39 06.7 E009 30.5

LUKAD
N38 58.7
E009 43.7

PIRIX
N38 54.1
E009 34.7

LIEE/CAG
ELMAS

JEPPESEN

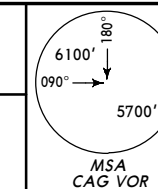
7 JAN 05 (10-3)

CAGLIARI, ITALY

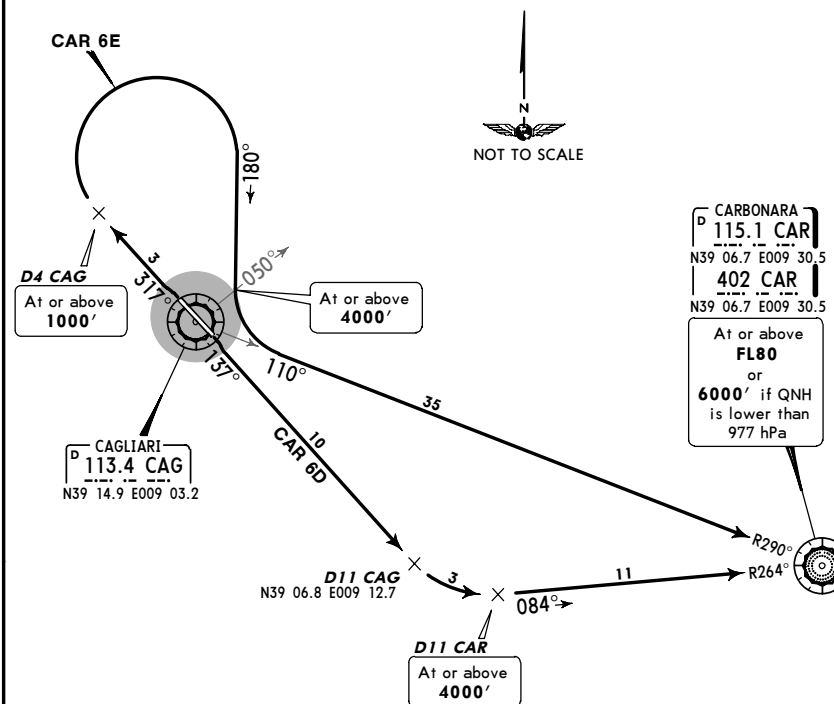
SID

Apt Elev
13'

Trans level: By ATC Trans alt: 6000'
1. SIDs are also minimum noise routings. Strict adherence within
the limits of performance criteria is mandatory.
2. Turns shall be executed with MAX 220 KT.



CAR 6D
CAR 6E
RWYS 14, 32 DEPARTURES
WHEN CAG VOR UNSERVICEABLE
REFER TO CHART 10-3B



Suggested minimum climb gradients

CAR 6D

320' per NM.

CAR 6E

320' per NM up to 4000'.

Gnd speed-KT	75	100	150	200	250	300
320' per NM	400	533	800	1067	1333	1600

SID	RWY	ROUTING
CAR 6D	14	Intercept CAG R-137 to D11 CAG, turn LEFT, intercept CAR R-264 inbound to CAR.
CAR 6E	32	Intercept CAG R-317 to D4 CAG, turn RIGHT, 180° track, when crossing CAG R-050 turn LEFT, intercept CAG R-110 (CAR R-290 inbound) to CAR.

LIEE/CAG
ELMAS

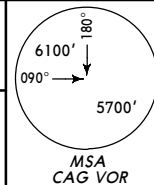
JEPPESEN
7 JAN 05 (10-3A)

CAGLIARI, ITALY

SID

Apt Elev
13'

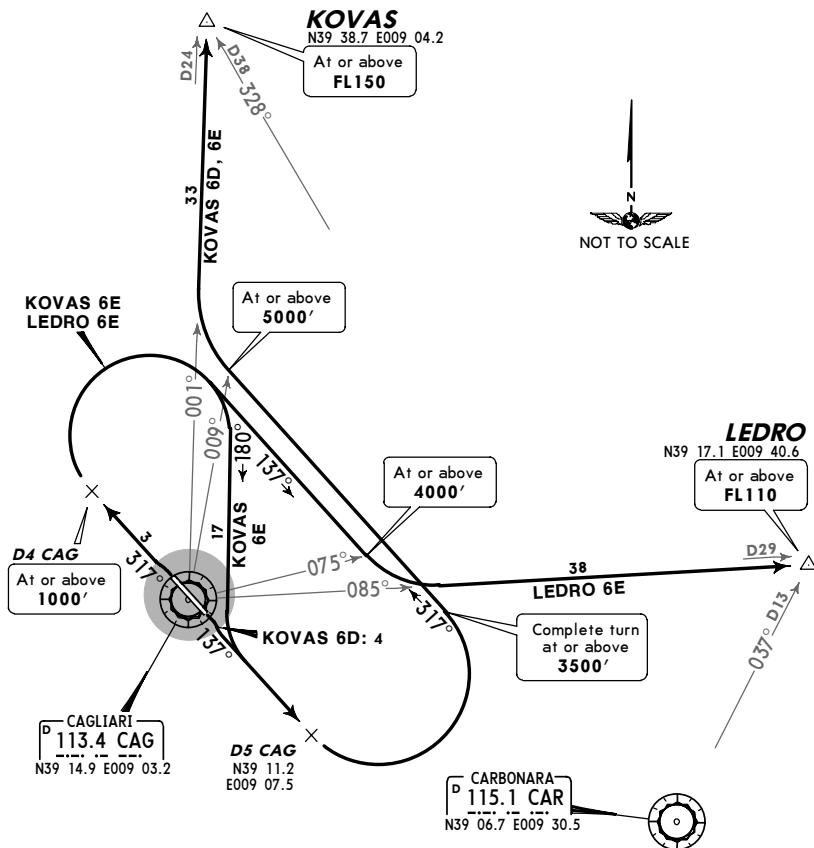
Trans level: By ATC Trans alt: 6000'
1. SIDs are also minimum noise routings. Strict adherence within the limits of performance criteria is mandatory.
2. Turns shall be executed with MAX 220 KT.



KOVAS 6D [KOVA6D]
KOVAS 6E [KOVA6E]
LEDRO 6E [LEDR6E]

RWYS 14, 32 DEPARTURES

WHEN CAG VOR UNSERVICEABLE REFER TO CHART 10-3D



Suggested minimum climb gradients

KOVAS 6D
400' per NM.
KOVAS 6E
300' per NM up to **FL150**.
LEDRO 6E
300' per NM up to **FL110**.

Gnd speed-KT	75	100	150	200	250	300
400' per NM	500	667	1000	1333	1667	2000
320' per NM	400	533	800	1067	1333	1600
300' per NM	375	500	750	1000	1250	1500

SID	RWY	ROUTING
KOVAS 6D	14	Intercept CAG R-137 to D5 CAG, turn LEFT, 317° track, when crossing CAG R-009 turn RIGHT, intercept CAG R-001 to KOVAS.
KOVAS 6E	32	Intercept CAG R-317 to D4 CAG, turn RIGHT, 180° track, intercept CAG R-137 to D5 CAG, turn LEFT, 317° track, when crossing CAG R-009 turn RIGHT, intercept CAG R-001 to KOVAS.
LEDRO 6E		Intercept CAG R-317 to D4 CAG, turn RIGHT, 137° track, when crossing CAG R-075 turn LEFT, intercept CAG R-085 to LEDRO.

CHANGES: Chart reindexed.

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LIEE/CAG
ELMAS

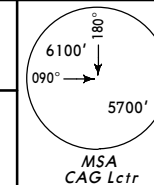
JEPPESEN
7 JAN 05 (10-3B)

CAGLIARI, ITALY

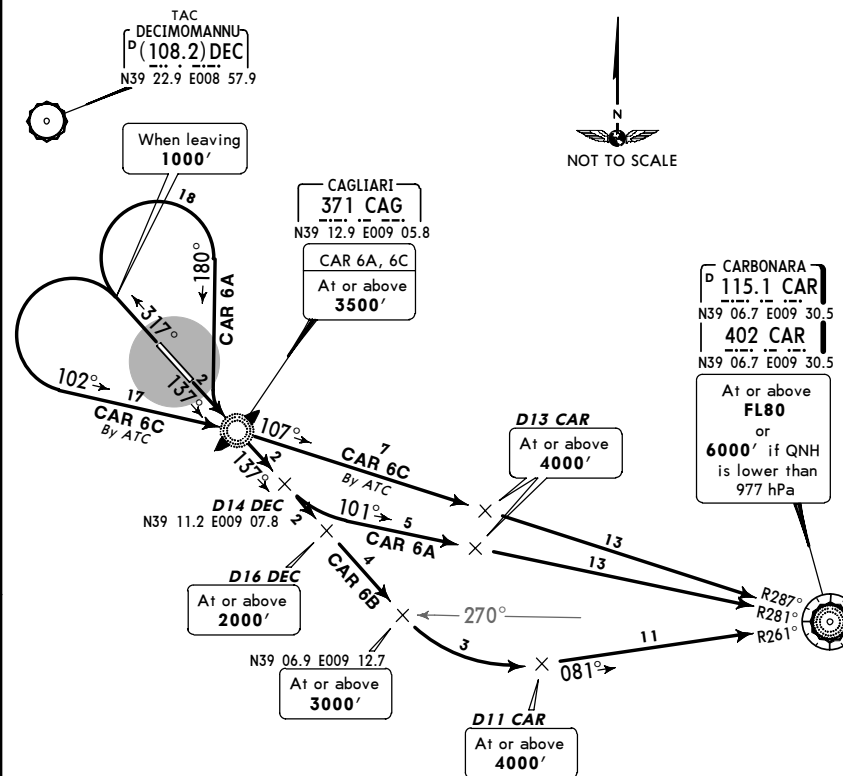
SID

Apt Elev
13'

Trans level: By ATC Trans alt: 6000'
1. SIDs are also minimum noise routings. Strict adherence within the limits of performance criteria is mandatory.
2. Turns shall be executed with MAX 220 KT.



CAR 6A
CAR 6B, CAR 6C
RWYS 32, 14 DEPARTURES
TO BE USED WHEN CAG VOR UNSERVICEABLE
WHEN CAG LCTR UNSERVICEABLE REFER TO CHART 10-3C



Suggested minimum climb gradient

CAR 6A, 6B
320' per NM up to **4000'**

Gnd speed-KT	75	100	150	200	250	300
320' per NM	400	533	800	1067	1333	1600

SID	RWY	ROUTING
CAR 6A	32	317° track (317° bearing from CAG) until leaving 1000' , turn RIGHT, 180° track, intercept 137° bearing via CAG to D14 DEC, turn LEFT, intercept CAR R-281 inbound to CAR.
CAR 6B	14	To CAG, 137° bearing, when crossing CAR R-270 turn LEFT, intercept CAR R-261 inbound to CAR.
CAR 6C By ATC	32	317° track until leaving 1000' , turn LEFT, intercept 102° bearing to CAG, intercept CAR R-287 inbound to CAR.

CHANGES: Chart reindexed.

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LIE/CAG
ELMAS

JEPPESEN

7 JAN 05 (10-3C)

CAGLIARI, ITALY

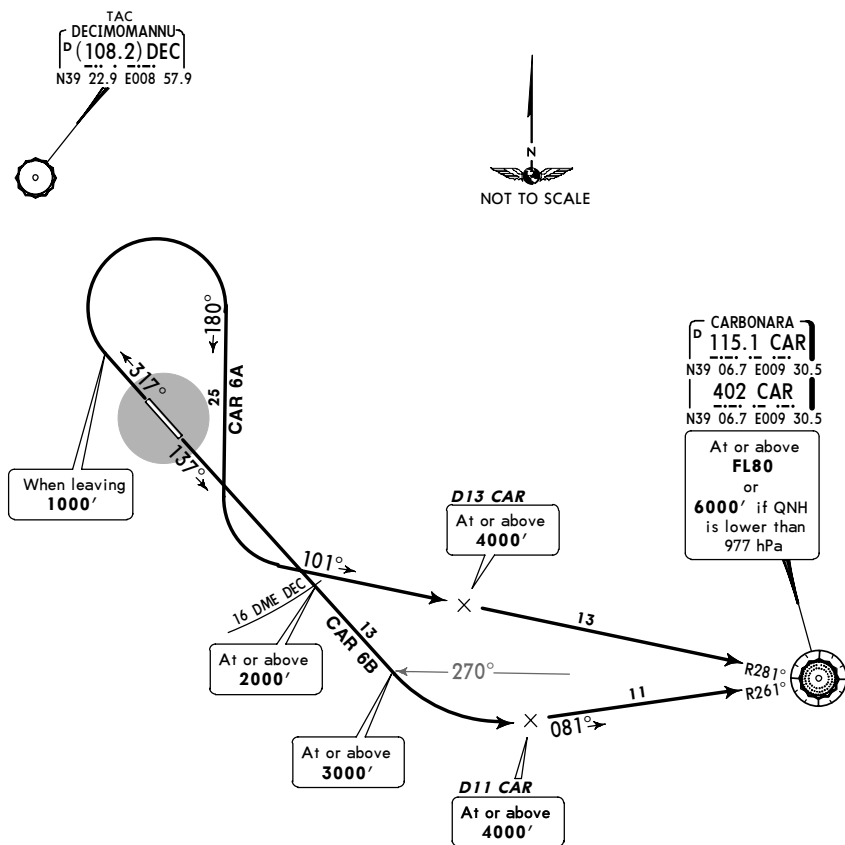
SID

Apt Elev
13'

Trans level: By ATC Trans alt: 6000'

1. SIDs are also minimum noise routings. Strict adherence within the limits of performance criteria is mandatory.
2. Turns shall be executed with MAX 220 KT.

CAR 6A, CAR 6B
RWYS 32, 14 DEPARTURES
TO BE USED WHEN CAG VOR & CAG LCTR UNSERVICEABLE



Suggested minimum climb gradient
320' per NM up to **4000'**.

Gnd speed-KT	75	100	150	200	250	300
320' per NM	400	533	800	1067	1333	1600

SID	RWY	ROUTING
CAR 6A	32	317° track until leaving 1000', turn RIGHT, 180° track, turn LEFT, intercept CAR R-281 inbound to CAR.
CAR 6B	14	137° track, when crossing CAR R-270 turn LEFT, intercept CAR R-261 inbound to CAR.

CHANGES: Chart reindexed.

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LIEE/CAG
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7 JAN 05 (10-3D)

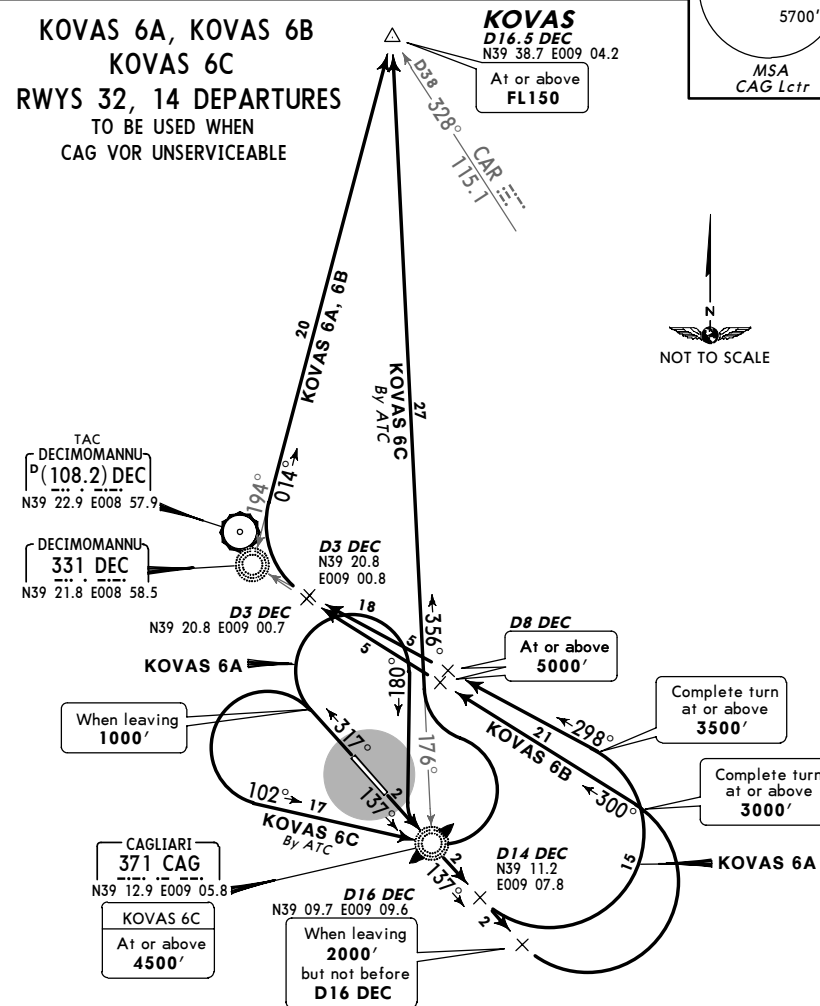
CAGLIARI, ITALY

SID

Apt Elev
13'

Trans level: By ATC Trans alt: 6000'

1. SIDs are also minimum noise routings. Strict adherence within the limits of performance criteria is mandatory.
2. Turns shall be executed with MAX 220 KT.



Suggested minimum climb gradients

KOVAS 6A: 400' per NM up to **FL150.**

KOVAS 6B: 428' per NM up to **FL150.**

KOVAS 6C: 360' per NM up to **FL150.**

Gnd speed-KT	75	100	150	200	250	300
428' per NM	535	713	1070	1427	1783	2140
400' per NM	500	667	1000	1333	1667	2000
360' per NM	450	600	900	1200	1500	1800

SID	RWY	ROUTING
KOVAS 6A	32	317° track (317° bearing from CAG) until leaving 1000' , turn RIGHT, 180° track, intercept 137° bearing via CAG to D14 DEC, turn LEFT, intercept 298° bearing towards DEC, at D3 DEC turn RIGHT, intercept 014° bearing from DEC to KOVAS.
KOVAS 6B	14	To CAG, 137° bearing until leaving 2000' but not before D16 DEC, turn LEFT, intercept 300° bearing towards DEC, at D3 DEC turn RIGHT, intercept 014° bearing from DEC to KOVAS.
KOVAS 6C By ATC	32	317° track until leaving 1000' , turn LEFT, intercept 102° bearing to CAG, turn LEFT, intercept 356° bearing from CAG to KOVAS.

CHANGES: Chart reindexed

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LIEE/CAG

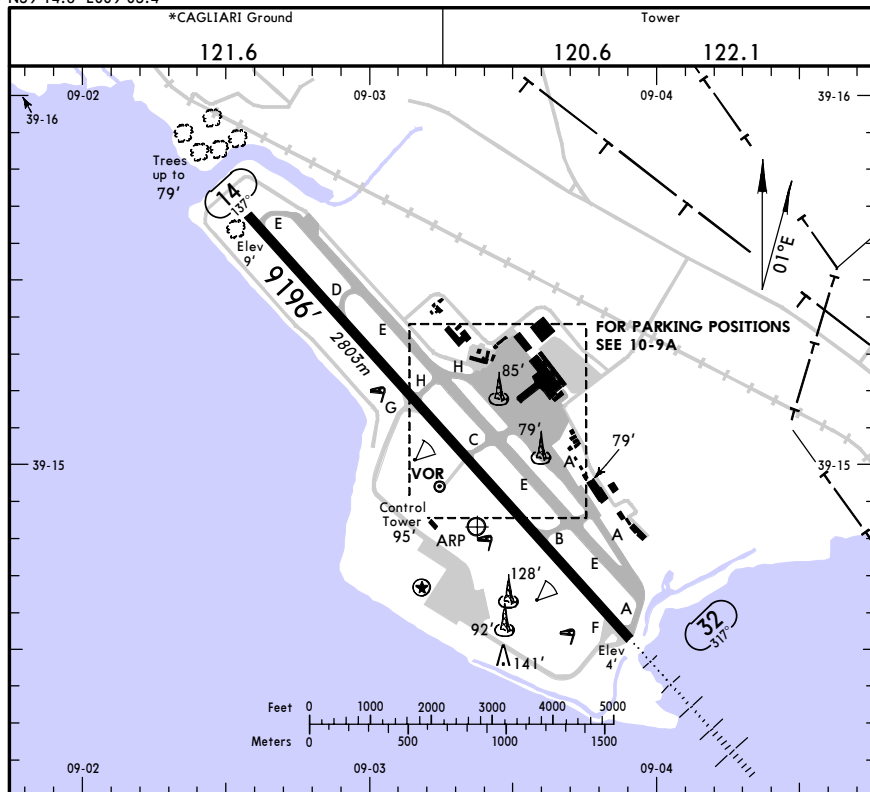
Apt Elev 13'
N39 14.8 E009 03.4

JEPPESEN

6 OCT 06 (10-9)

CAGLIARI, ITALY

ELMAS



GENERAL

Possibility of stray dogs on runway. Civil acft of more than 20 tons take-off weight are not authorized to perform back track on rwy, except for safety reasons. Operations on movement area not authorized if RVR/VIS is less than 550m. Rwy 32 right-hand circuit. Due to the unavailability of RESA on thr 32 pilots of civil aircraft are required to follow strictly PAPI and GP indications. Birds.

Due to partial unavailability of RESA, approach and landing operations on rwy 14/32 for civil aircraft shall not be performed below 400' AGL in the following cases:

- on rwy 32 in moderate turbulence and/or wind shear conditions or when wind exceed the maximum demonstrated tail wind component published on the Acft Flight Manual reduced by 20%
- on rwy 14 in moderate turbulence and/or wind shear conditions.

Wind limitations: It shall be applied a 30% reduction from max demonstrated crosswind component published on the Acft Flight Manual for each type of acft.

ADDITIONAL RUNWAY INFORMATION

RWY			USABLE LENGTHS		TAKE-OFF	WIDTH
			Threshold	Glide Slope		
14	HIRL PAPI (angle 3.0°)	RVR				148'
32	HIRL HIALS PAPI (angle 3.0°)	RVR	8081'	2463m		45m

JAR-OPS

TAKE-OFF

All Rwys

A
B
C
D

1000m

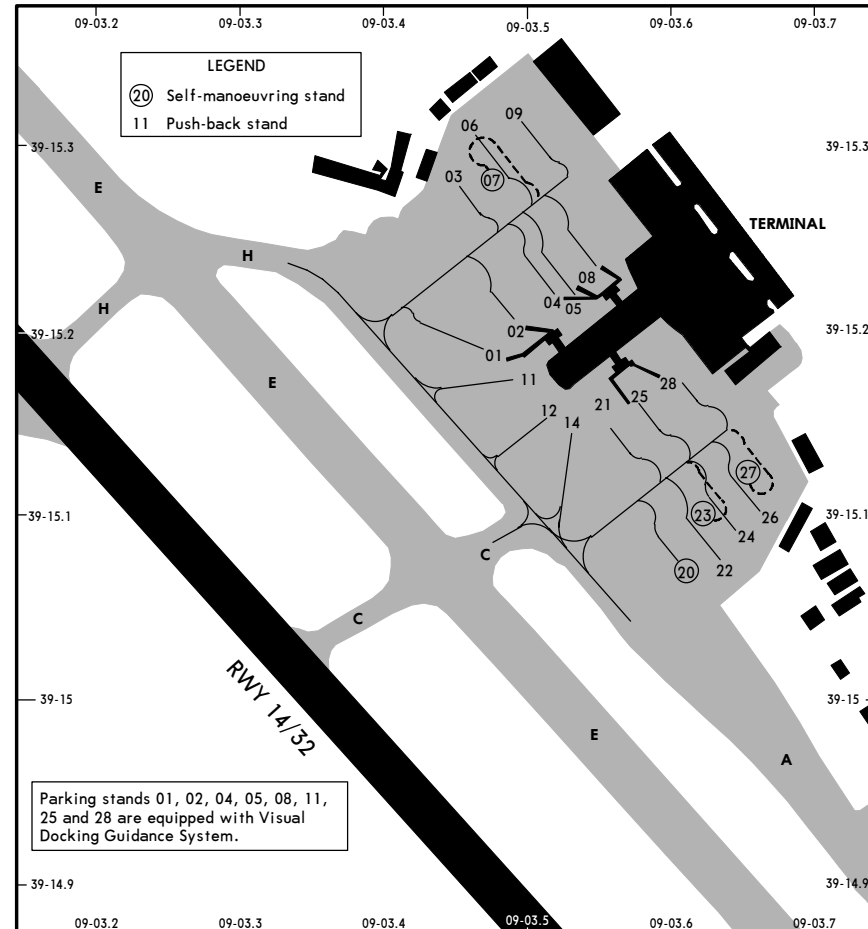
LIEE/CAG

JEPPESEN

6 OCT 06 (10-9A)

CAGLIARI, ITALY

ELMAS



Parking stands 01, 02, 04, 05, 08, 11, 25 and 28 are equipped with Visual Docking Guidance System.

INS COORDINATES

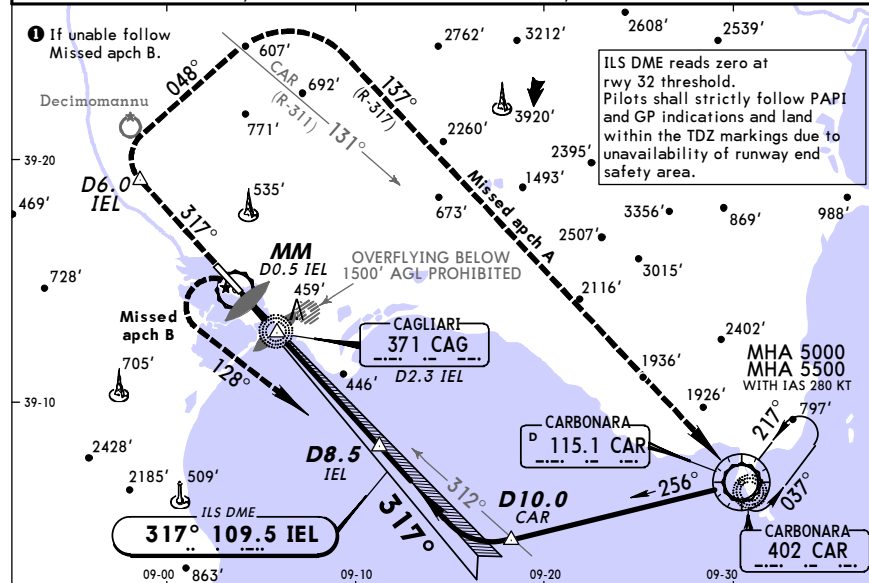
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03	N39 15.3 E009 03.5	24	N39 15.1 E009 03.7
04, 05	N39 15.2 E009 03.5	25	N39 15.2 E009 03.6
06, 07	N39 15.3 E009 03.5	26, 27	N39 15.1 E009 03.7
08	N39 15.2 E009 03.6	28	N39 15.2 E009 03.6
09	N39 15.3 E009 03.5		
11, 12	N39 15.2 E009 03.5		
14	N39 15.1 E009 03.5		
20	N39 15.1 E009 03.6		
21	N39 15.2 E009 03.6		

LIEE/CAG
ELMAS

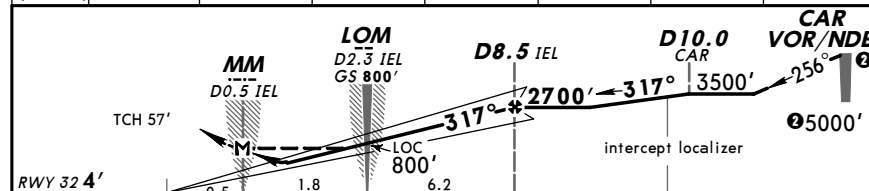
JEPPESEN
9 JUL 04 (11-1)

CAGLIARI, ITALY
ILS-Papa Rwy 32

BRIEFING STRIP	CAGLIARI Approach (R)		ELMAS Tower		*Ground	
	118.75		120.6 122.1		121.6	
	LOC IEL	Final Aptch Crs	GS LOM	ILS DA(H)	Apt Elev 13'	
	109.5	317°	800' (796')	440' (436')	RWY 4'	
	MISSED APCH A: Climb on 317° from CAG Lctr to 5000'. At D6.0 IEL turn RIGHT onto 048°. At R-311 CAR VOR (131° to CAR Lctr) turn RIGHT onto R-317 inbound CAR VOR (137° to CAR Lctr) and hold at 5000' over CAR VOR/Lctr. Turns MAX IAS 220 KT. MIM climb gradient 3.0% till 4400'. ① MISSED APCH B: Climb to 500', then turn LEFT (MAX IAS 185 KT) onto 128° climbing to 5000'. Turn LEFT to CAR VOR/NDB. Do not turn before passing MM.					
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: By ATC		Trans alt: 6000'



LOC	IEL DME	3.5	4.5	5.5	6.5	7.5	8.5
(GS out)	ALTITUDE	1110'	1430'	1750'	2070'	2390'	2700'



0.5							HIALS		Refer to Missed Apch above
Gnd speed-Kts	70	90	100	120	140	160	PAPI	PAPI	
GS	3.00°	377	485	539	647	755	+	+	
MAP at MM/D0.5 IEL							+	+	

JAR-OPS		STRAIGHT-IN LANDING RWY 32		CEILING REQUIRED		CIRCLE-TO-LAND	
ILS		LOC (GS out)		Not authorized Southwest of rwy		Not authorized Southwest of rwy	
DA(H) 440' (436')		MDA(H) 660' (656')		Max Kts		MDA(H)	
FULL		ALS out		1000'- 1400m		1000' (987') 1000'- 2300m	
A		RVR 800m		1000'- 1500m		1000' (987') 1000'- 2700m	
B		RVR 1200m		1000'- 2700m		1000' (987') 1000'- 3600m	
C							
D							

LIEE/CAG
ELMAS

JEPPESEN
9 JUL 04 (11-2)

CAGLIARI, ITALY
ILS-Sierra Rwy 32

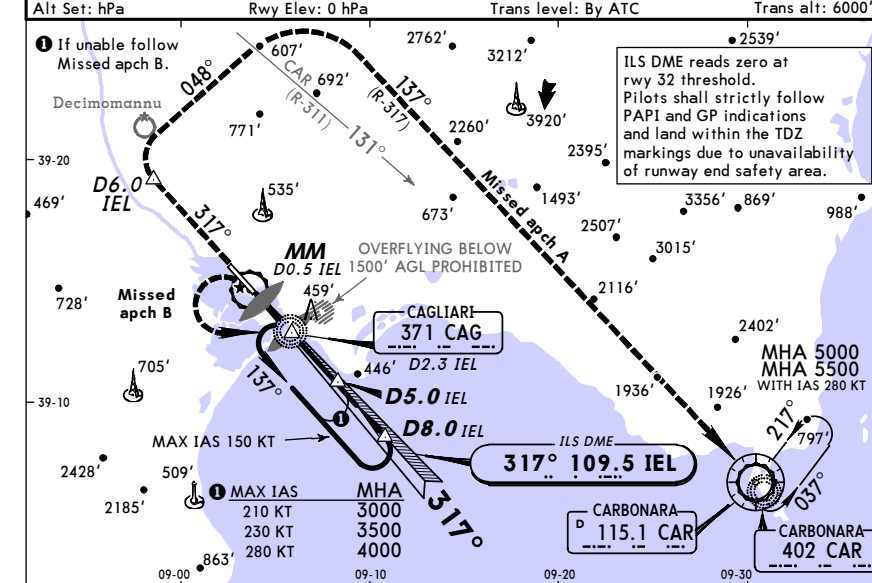
BRIEFING STRIP™

CAGLIARI Approach (R)		ELMAS Tower		*Ground	
118.75		120.6 122.1		121.6	
LOC IEL	Final Aptch Crs	GS LOM	ILS DA(H)	Apt Elev 13'	
109.5	317°	800' (796')	440' (436')	RWY 4'	
MISSED APCH A: Climb on 317° from CAG Lctr to 5000'. At D6.0 IEL turn RIGHT onto 048°. At R-311 CAR VOR (131° to CAR Lctr) turn RIGHT onto R-317 inbound CAR VOR (137° to CAR Lctr) and hold at 5000' over CAR VOR/Lctr. Turns MAX IAS 220 KT. MIM climb gradient 3.0% till 4400'. ❶					
MISSED APCH B: Climb on 317° to 500', then turn LEFT (MAX IAS 170 KT) climbing to CAG Lctr at 3000'. Do not turn before passing MM. If below 3000' at CAG Lctr continue climb to 3000' on track 137°, then turn RIGHT to CAG Lctr.					

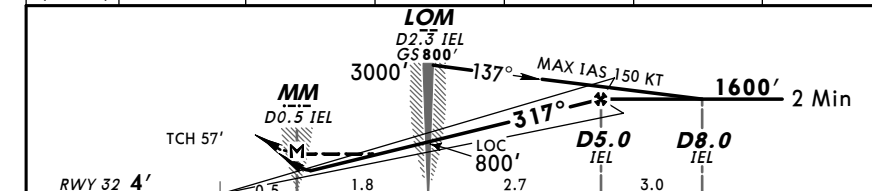
6100'↙180°

090°→5700'

MSA
CAG Lctr



LOC	IEL DME	1.0	2.0	3.0	4.0	5.0
(GS out)	ALTITUDE	330'	650'	970'	1290'	1600'



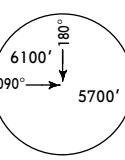
Gnd speed-Kts							HIALS PAPI PAPI	Refer to Missed Apch above	
GS	3.00°	377	485	539	647	755			862
MAP at MM/D0.5 IEL									

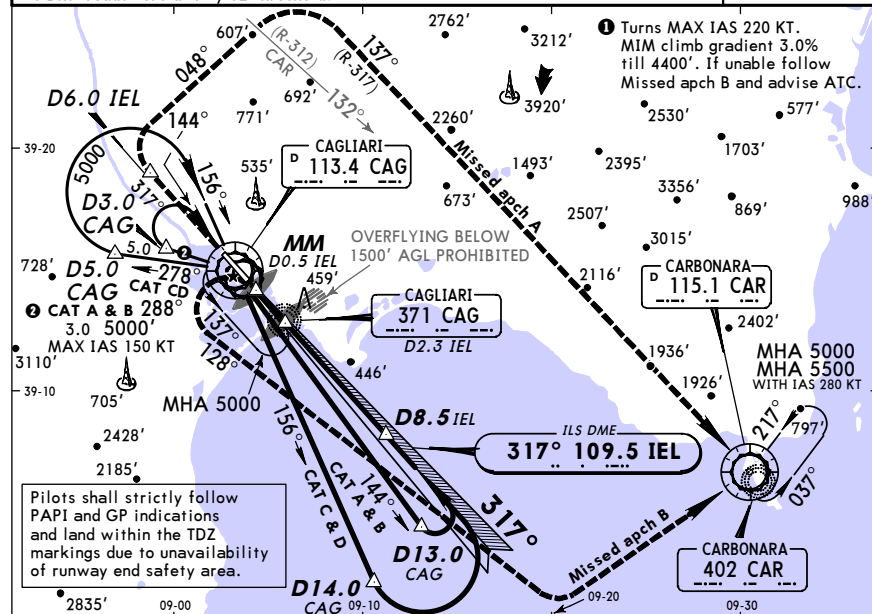
JAR-OPS		STRAIGHT-IN LANDING RWY 32		CEILING REQUIRED		CIRCLE-TO-LAND	
ILS		LOC (GS out)		Not authorized Southwest of rwy		Not authorized Southwest of rwy	
DA(H) 440' (436')		MDA(H) 660' (656')		Max Kts		MDA(H)	
FULL		ALS out		1000'- 1400m		1000' (987') 1000'- 2300m	
A		RVR 800m		1000'- 1500m		1000' (987') 1000'- 2700m	
B		RVR 1200m		1000'- 2700m		1000' (987') 1000'- 3600m	
C							
D							

LIEE/CAG
ELMAS

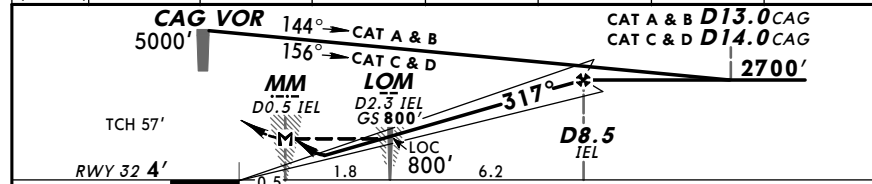
JEPPESEN
9 JUL 04 (11-3)

CAGLIARI, ITALY
ILS-Tango Rwy 32

CAGLIARI Approach (R)		ELMAS Tower		*Ground	
118.75		120.6 122.1		121.6	
LOC IEL	Final Apch Crs	GS LOM	ILS DA(H)	Apt Elev	13'
109.5	317°	800' (796')	440' (436')	RWY 4'	
MISSED APCH A: Climb on 317° from CAG Lctr to 5000'. At D6.0 IEL turn RIGHT onto 048°. At R-312 CAR VOR (132° to CAR Lctr) turn RIGHT onto R-317 inbound CAR VOR (137° to CAR Lctr) and hold at 5000' over CAR VOR/Lctr. 1					
MISSED APCH B: Climb to 500', then climbing turn LEFT onto 128°. At 5000' turn LEFT to CAR VOR/NDB. Do not turn before MM. Turns MAX IAS 185 KT. Alt Set: hPa Rwy Elev: 0 hPa Trans level: By ATC Trans alt: 6000' ILS DME reads zero at rwy 32 threshold.					
					



LOC (GS out)	IEL DME	3.5	4.5	5.5	6.5	7.5	8.5
ALTITUDE	1110'	1430'	1750'	2070'	2390'	2700'	



Gnd speed-Kts	70	90	100	120	140	160
GS 3.00° or	377	484	538	646	753	861
LOC Descent Gradient 5.2%						
MAP at MM/D0.5 IEL						

JAR-OPS		STRAIGHT-IN LANDING RWY 32		CEILING REQUIRED		CIRCLE-TO-LAND	
ILS		LOC (GS out)		Not authorized Southwest of rwy		Not authorized Southwest of rwy	
DA(H) 440' (436')		MDA(H) 660' (656')		Max Kts		MDA(H)	
FULL		ALS out		100		1000' (987')	
A		1000'- 1400m		100		1000' (987')	
B		1000'- 1500m		135		1000' (987')	
C		1000'- 2700m		180		1000' (987')	
D		1000'- 3000m		205		1000' (987')	

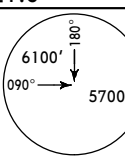
CHANGES: Procedure bearings.

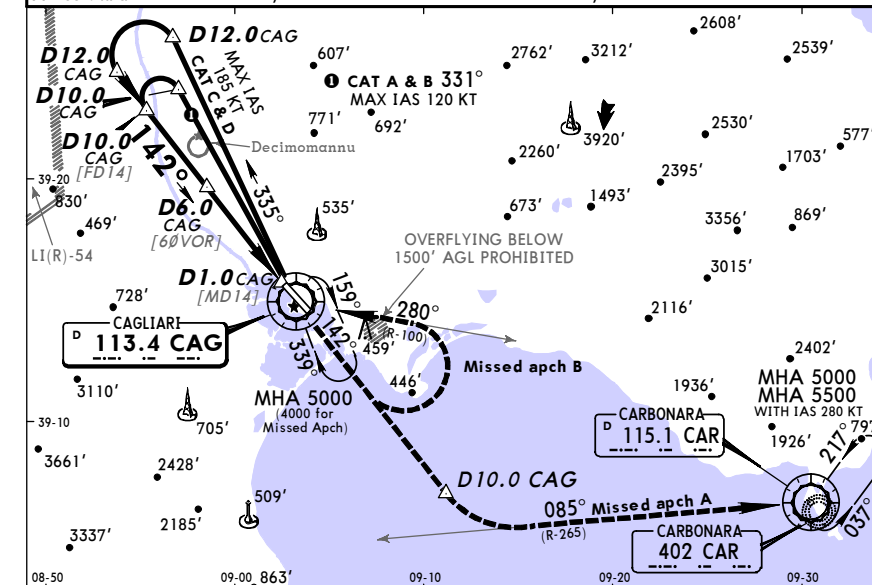
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LIEE/CAG
ELMAS

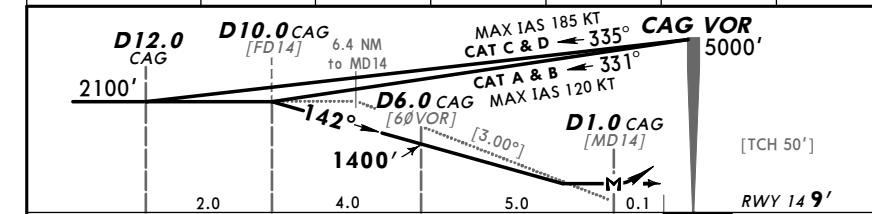
JEPPESEN
4 JUN 04 (13-1)

CAGLIARI, ITALY
By ATC VOR DME Rwy 14

CAGLIARI Approach (R)		ELMAS Tower		*Ground	
118.75		120.6 122.1		121.6	
VOR CAG	Final Apch Crs	Minimum Alt	MDA(H)	Apt Elev	13'
113.4	142°	D6.0 CAG 1400' (1391')	860' (851')	RWY 9'	
MISSED APCH A: Climb on 142° to 5000'. At D10.0 CAG turn LEFT (MAX IAS 250 KT) onto R-265 inbound CAR and join holding. MIM climb gradient 3.5%, if unable follow Missed apch B and advise ATC.					
MISSED APCH B: Climb on 142° to 2000', then turn LEFT (MAX IAS 250 KT, not beyond D10.0 CAG) onto R-100 inbound CAG VOR climbing to 4000'.					
Alt Set: hPa Rwy Elev: 0 hPa Trans level: By ATC Trans alt: 6000'					
					



CAG DME	6.0	5.0	4.0	3.0	2.0	1.0
ALTITUDE	1400'	1140'	880'	620'	360'	100'



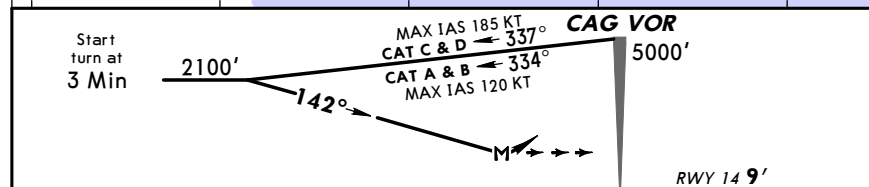
Gnd speed-Kts	70	90	100	120	140	160
Descent angle [3.00°]	372	478	531	637	743	849
MAP at D1.0 CAG						

JAR-OPS		STRAIGHT-IN LANDING RWY 14		CEILING REQUIRED		CIRCLE-TO-LAND	
MDA(H) 860' (851')		Max Kts		Not authorized Southwest of rwy		Not authorized Southwest of rwy	
A		100		1000' (987')		1000' (987')	
B		135		1000' (987')		1000' (987')	
C		180		1000' (987')		1000' (987')	
D		205		1000' (987')		1000' (987')	

CHANGES: Minimums.

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CAGLIARI, ITALY
By ATC VOR Rwy 14

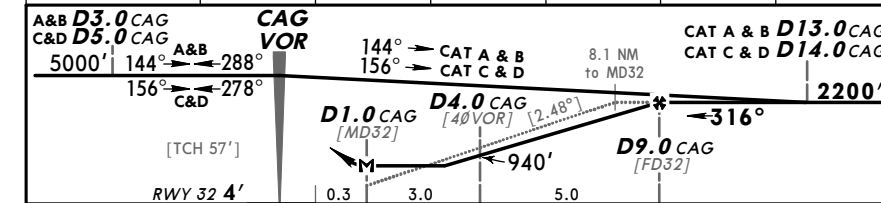
[illegible]

JAR-OPS		STRAIGHT-IN LANDING RWY 14	CEILING REQUIRED	CIRCLE-TO-LAND
MDA(H) 1400' (1391')			Max Kts	Not authorized Southwest of rwy _____ MDA(H) _____ CEIL-VIS _____
A	1000'- 2300m		100	1400' (1387') 1000'- 2300m
B			135	
C	1000'- 3000m		180	1400' (1387') 1000'- 3000m
D			205	

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CAGLIARI, ITALY
VOR DME Rwy 32

CAG DME	3.0	4.0	5.0	6.0	7.0	8.0
ALTITUDE	750'	990'	1230'	1480'	1720'	1960'



Gnd speed-Kts	70	90	100	120	140	160		Refer to Missed Apch above
Descent gradient 4.32% or Descent angle 2.48°	307	395	439	526	614	702		

JAR-OPS		STRAIGHT-IN LANDING RWY 32		CEILING REQUIRED		CIRCLE-TO-LAND	
MDA(H) 1200' (1196')				Not authorized Southwest of rwy			
		ALS out		Max Kts	MDA(H) _____ CEIL-VIS _____		
A	1000'- 1800m	1000'- 2300m		100	1200' (1187') 1000'- 2300m		
B	1000'- 2100m			135	1200' (1187') 1000'- 3000m		
C	1000'- 2100m	1000'- 3000m		180	1200' (1187') 1000'- 3000m		
D	1000'- 2700m			205	1200' (1187') 1000'- 3600m		

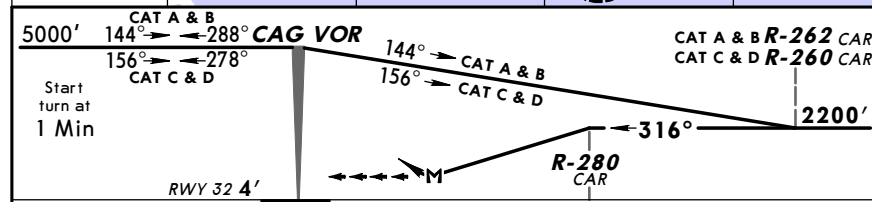
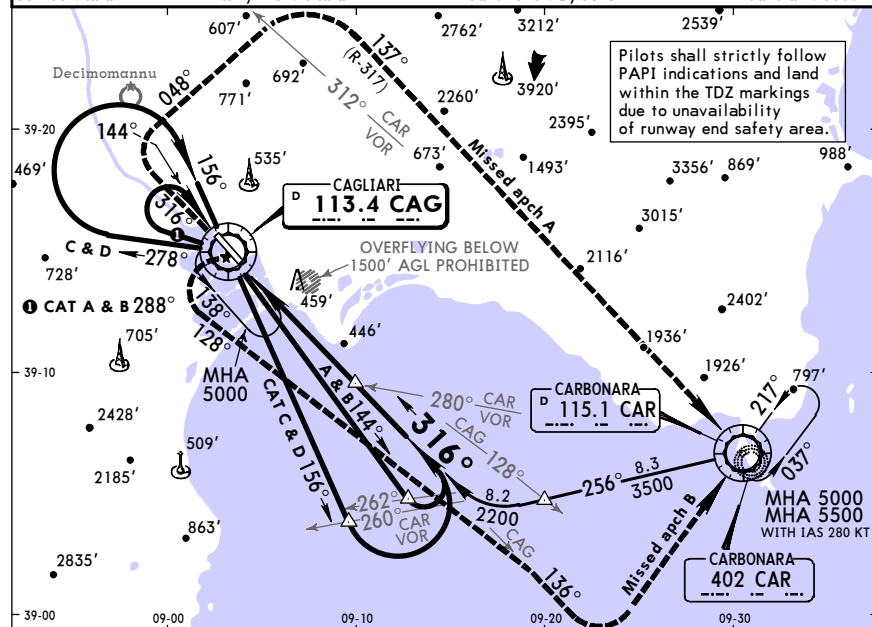
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LIEE/CAG
ELMAS

JEPPESEN
4 JUN 04 (13-4)

CAGLIARI, ITALY
VOR Rwy 32

CAGLIARI Approach (R)		ELMAS Tower		*Ground
118.75		120.6	122.1	121.6
VOR CAG	Final Apch Crs	Minimum Alt R-280 CAR	MDA(H)	Apt Elev 13'
113.4	316°	2200' (2196')	1350' (1346')	RWY 4'
MISSED APCH A: Climb on 316° to 5000'. Crossing 1900' turn RIGHT onto 048°. At R-312 CAR turn RIGHT onto R-317 inbound CAR and join holding. Turns MAX IAS 220 KT. MIM climb gradient 3.0% till 4400', if unable follow Missed apch B and advise ATC. MISSED APCH B: Turn LEFT (MAX IAS 185 KT) onto 128° climbing to 5000' and follow R-136 CAG. At 5000' turn LEFT to CAR VOR.				
Alt Set: hPa		Rwy Elev: 0 hPa		Trans alt: 6000'



JAR-OPS		STRAIGHT-IN LANDING RWY 32	CEILING REQUIRED	CIRCLE-TO-LAND
MDA(H) 1350' (1346')		Not authorized Southwest of rwy		
ALS out		Max Kts	MDA(H)	CEIL-VIS
A	1000'- 1800m	100	1350' (1337')	1000'- 2300m
B	1000'- 2100m	135	1350' (1337')	1000'- 3000m
C	1000'- 2100m	180	1350' (1337')	1000'- 3000m
D	1000'- 2700m	205	1350' (1337')	1000'- 3600m

JAR-OPS		STRAIGHT-IN LANDING RWY 32	CEILING REQUIRED	CIRCLE-TO-LAND
MDA(H) 1350' (1346')		Not authorized Southwest of rwy		
ALS out		Max Kts	MDA(H)	CEIL-VIS
A	1000'- 1800m	100	1350' (1337')	1000'- 2300m
B	1000'- 2100m	135	1350' (1337')	1000'- 3000m
C	1000'- 2100m	180	1350' (1337')	1000'- 3000m
D	1000'- 2700m	205	1350' (1337')	1000'- 3600m

CHANGES: Note. Minimums.

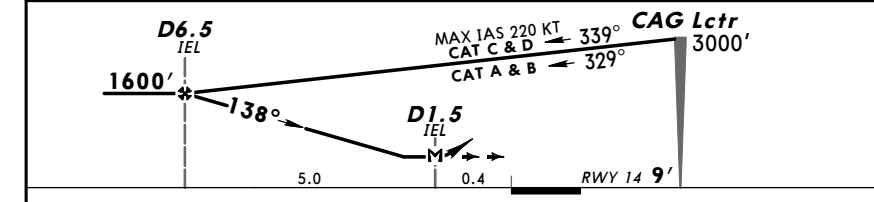
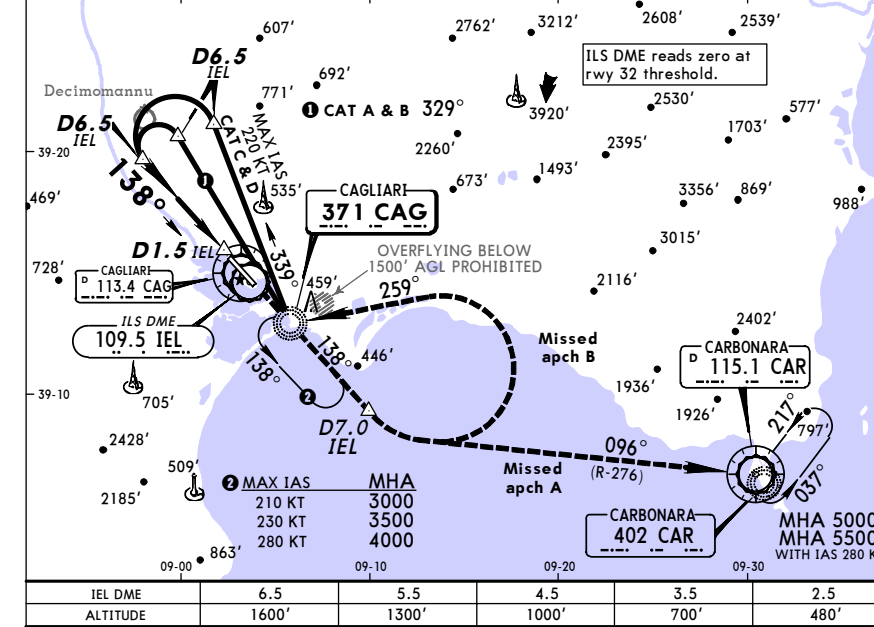
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LIEE/CAG
ELMAS

JEPPESEN
4 JUN 04 (16-1)

CAGLIARI, ITALY
Lctr DME Rwy 14

CAGLIARI Approach (R)		ELMAS Tower		*Ground
118.75		120.6	122.1	121.6
Lctr CAG	Final Apch Crs	Minimum Alt D6.5 IEL	MDA(H)	Apt Elev 13'
371	138°	1600' (1591')	720' (711')	RWY 9'
MISSED APCH A: Climb on 138° to 5000'. At D7.0 IEL turn LEFT (MAX IAS 220 KT) onto 096° (R-276 inbound CAR VOR) to CAR VOR/NDB and join holding. MIM climb gradient 3.5%, if unable follow Missed apch B. MISSED APCH B: Climb on 138° to 3000'. At D7.0 IEL turn LEFT (MAX IAS 220 KT) onto 259° to CAG Lctr and join holding.				
Alt Set: hPa		Rwy Elev: 0 hPa		Trans alt: 6000'



JAR-OPS		STRAIGHT-IN LANDING RWY 14	CEILING REQUIRED	CIRCLE-TO-LAND
MDA(H) 720' (711')		Not authorized Southwest of rwy		
ALS out		Max Kts	MDA(H)	CEIL-VIS
A	1000'- 2300m	100	1000' (987')	1000'- 2300m
B	1000'- 2300m	135	1000' (987')	1000'- 3000m
C	1000'- 3000m	180	1000' (987')	1000'- 3000m
D	1000'- 3000m	205	1000' (987')	1000'- 3600m

JAR-OPS		STRAIGHT-IN LANDING RWY 14	CEILING REQUIRED	CIRCLE-TO-LAND
MDA(H) 720' (711')		Not authorized Southwest of rwy		
ALS out		Max Kts	MDA(H)	CEIL-VIS
A	1000'- 2300m	100	1000' (987')	1000'- 2300m
B	1000'- 2300m	135	1000' (987')	1000'- 3000m
C	1000'- 3000m	180	1000' (987')	1000'- 3000m
D	1000'- 3000m	205	1000' (987')	1000'- 3600m

CHANGES: Minimums.

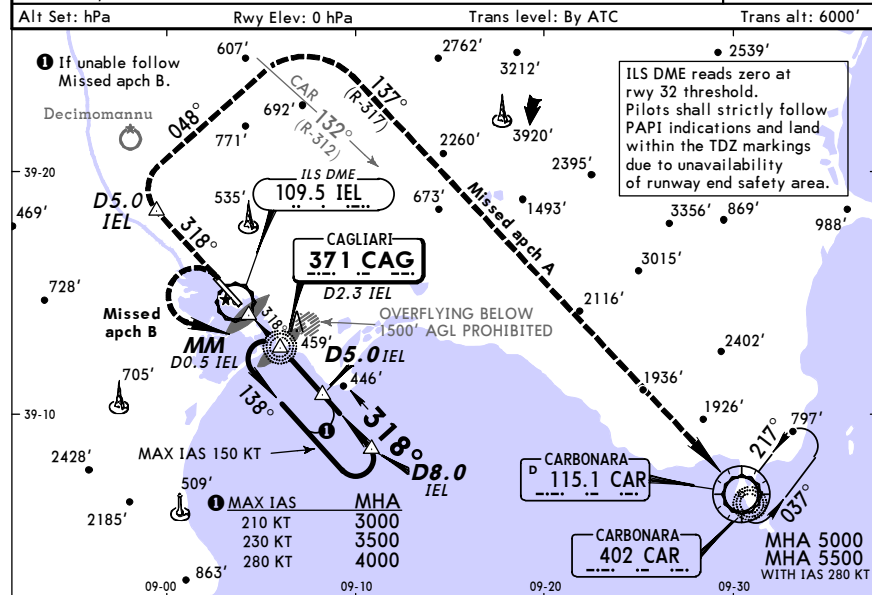
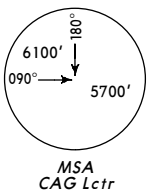
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LIEE/CAG
ELMAS

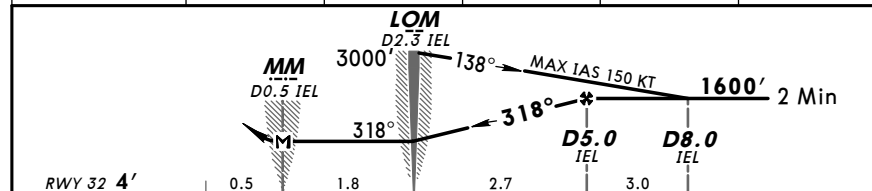
JEPPESEN
4 JUN 04 (16-2)

CAGLIARI, ITALY
Lctr DME Rwy 32

CAGLIARI Approach (R)		ELMAS Tower		*Ground	
118.75		120.6 122.1		121.6	
Lctr CAG 371	Final Aptch Crs 318°	Minimum Alt D5.0 IEL 1600' (1596')	MDA(H) 1280' (1276')	Apt Elev 13'	RWY 4'
MISSED APCH A: Climb on 318° from CAG Lctr to 5000'. At D6.0 IEL turn RIGHT onto 048°. At R-312 CAR VOR (132° to CAR Lctr) turn RIGHT onto R-317 inbound CAR VOR (137° to CAR Lctr) and hold at 5000' over CAR VOR/Lctr. Turns MAX IAS 220 KT. MIM climb gradient 3.0% till 4400'. MISSED APCH B: Turn LEFT (MAX IAS 170 KT) to CAG Lctr climbing to 3000'. Do not turn before passing MM. If below 3000' at CAG Lctr continue climb to 3000' on track 138°, then turn RIGHT to CAG Lctr.					
Alt Set: hPa Rwy Elev: 0 hPa Trans level: By ATC Trans alt: 6000'					



IEL DME	1.0	2.0	3.0	4.0	5.0
ALTITUDE	480'	760'	1040'	1320'	1600'



Gnd speed-Kts	70	90	100	120	140	160
Descent Gradient 4.6%	326	419	466	559	652	745
MAP at MM/D0.5 IEL						

JAR-OPS		STRAIGHT-IN LANDING RWY 32		CEILING REQUIRED		CIRCLE-TO-LAND	
		MDA(H) 1280' (1276')		ALS out		Not authorized Southwest of rwy	
A	1000'- 1800m			Max Kts	MDA(H)	CEIL-VIS	
B	1000'- 2100m	1000'- 2300m		100	1280' (1267')	1000'- 2300m	
C	1000'- 2100m			135	1280' (1267')	1000'- 3000m	
D	1000'- 2700m	1000'- 3000m		180	1280' (1267')	1000'- 3000m	
				205	1280' (1267')	1000'- 3600m	