

LIEE/CAG
ELMAS

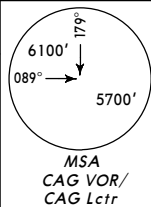
18 MAR 11 (10-2)

CAGLIARI, ITALY

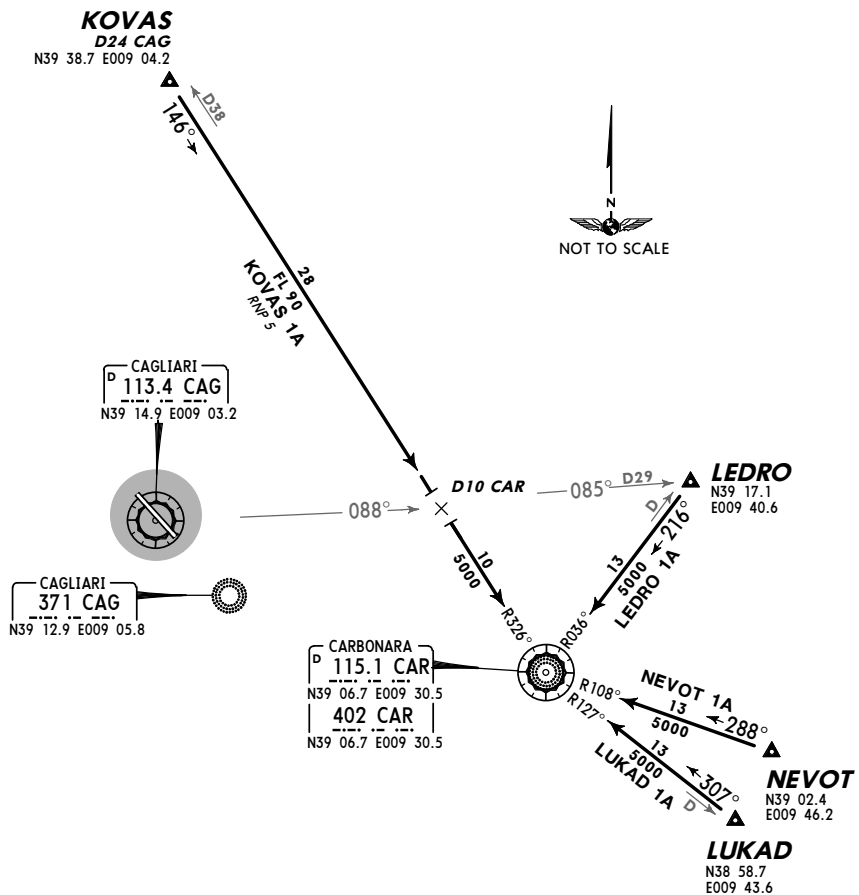
STAR

Apt Elev
13'

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



KOVAS 1A [KOVA1A], LEDRO 1A [LEDRI1A]
LUKAD 1A [LUKA1A], NEVOT 1A [NEVO1A]
RWYS 14, 32 ARRIVALS
TO CAR VORDME/NDB



HOLDING OVER
CAR



CHANGES: STAR KOVAS 1A availability.

LIEE/CAG
ELMAS

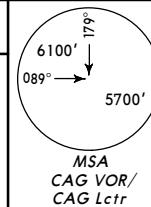
18 MAR 11 (10-2A)

CAGLIARI, ITALY

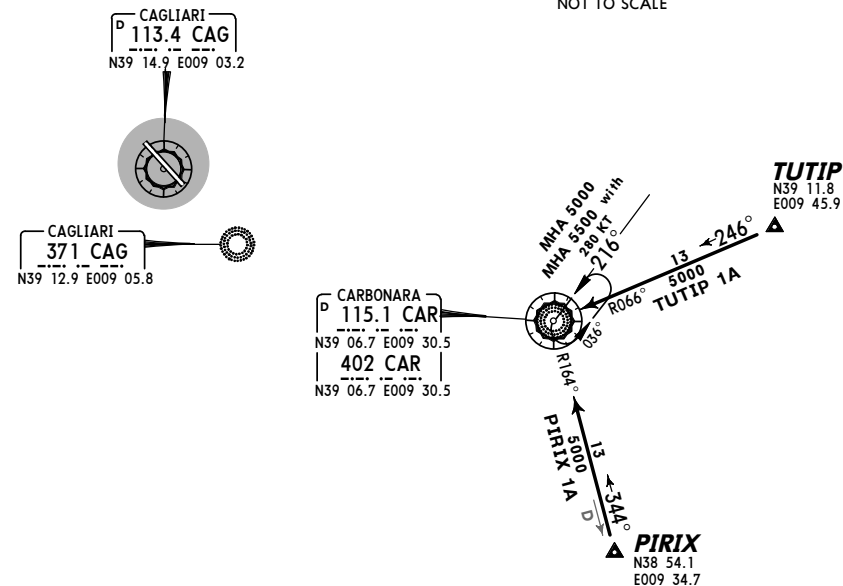
STAR

Apt Elev
13'

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



PIRIX 1A [PIRI1A]
TUTIP 1A [TUTI1A]
RWYS 14, 32 ARRIVALS
TO CAR VORDME/NDB



CHANGES: STAR RAMEN 1A withdrawn.

LIEE/CAG
ELMAS

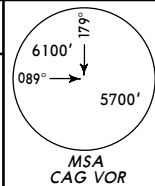
18 MAR 11 (10-2B)

CAGLIARI, ITALY

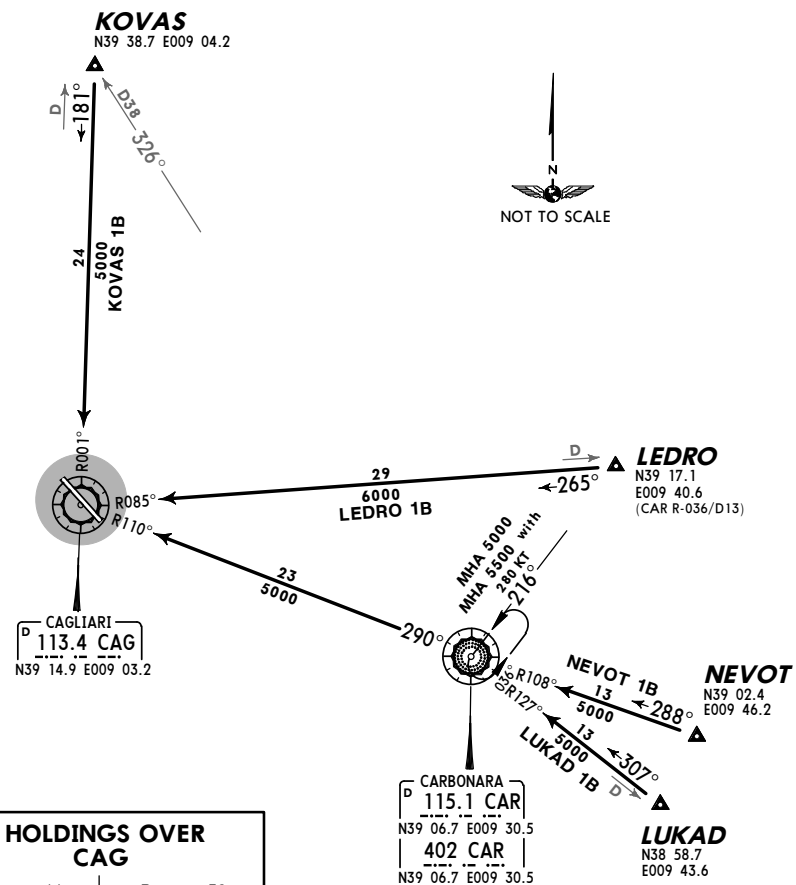
STAR

Apt Elev
13'

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



KOVAS 1B [KOVA1B], LEDRO 1B [LEDRI1B]
LUKAD 1B [LUKA1B], NEVOT 1B [NEVO1B]
RWYS 14, 32 ARRIVALS
TO CAG VORDME
BY ATC
WHEN CAG VOR UNSERVICEABLE
REFER TO CHART 10-2D



CHANGES: MEA between LEDRO-CAG revised.

LIEE/CAG
ELMAS

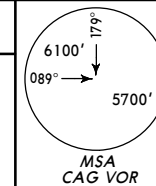
18 MAR 11 (10-2C)

CAGLIARI, ITALY

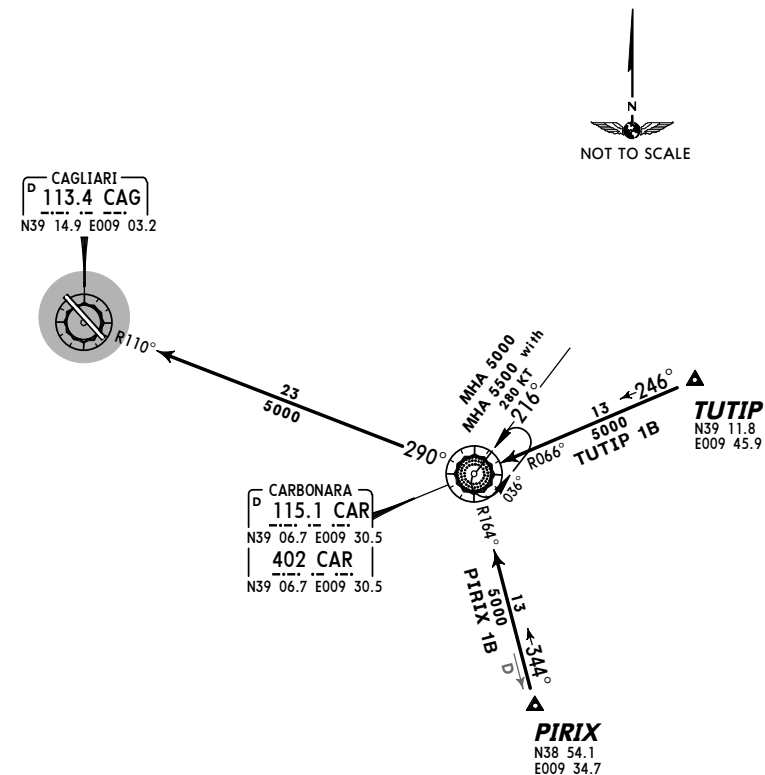
STAR

Apt Elev
13'

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



PIRIX 1B [PIRI1B]
TUTIP 1B [TUTI1B]
RWYS 14, 32 ARRIVALS
TO CAG VORDME
BY ATC
WHEN CAG VOR UNSERVICEABLE
REFER TO CHART 10-2E



CHANGES: STAR RAMEN 1B withdrawn.

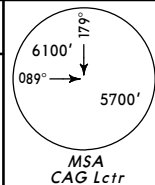
LIEE/CAG
ELMAS

18 MAR 11 (10-2D)

CAGLIARI, ITALY

STAR

Apt Elev
13'
Alt Set: hPa
Trans level: By ATC Trans alt: 6000'

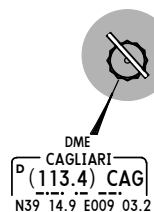


KOVAS 1C [KOVA1C], LEDRO 1C [LEDRI1C]
LUKAD 1C [LUKA1C], NEVOT 1C [NEVO1C]
RWYS 14, 32 ARRIVALS
TO CAG LCTR
BY ATC
TO BE USED WHEN CAG VOR UNSERVICEABLE

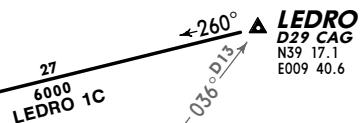
KOVAS
N39 38.7 E009 04.2



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.



CAGLIARI
371 CAG
N39 12.9 E009 05.8



LEDRO
D29 CAG
N39 17.1 E009 40.6



NEVOT 1C
N39 02.4 E009 46.2

LUKAD
N38 58.7 E009 43.6

HOLDING OVER
CAR



CHANGES: MEA between LEDRO-CAG revised.

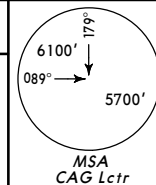
LIEE/CAG
ELMAS

18 MAR 11 (10-2E)

CAGLIARI, ITALY

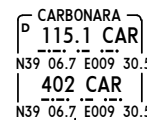
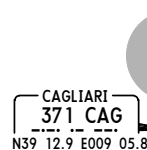
STAR

Apt Elev
13'
Alt Set: hPa
Trans level: By ATC Trans alt: 6000'

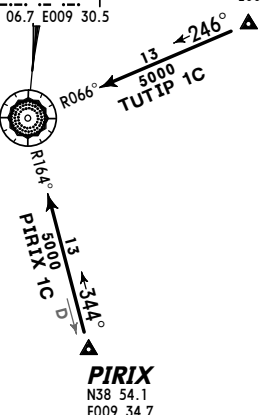


PIRIX 1C [PIRI1C]
TUTIP 1C [TUTI1C]
RWYS 14, 32 ARRIVALS
TO CAG LCTR
BY ATC
TO BE USED WHEN CAG VOR UNSERVICEABLE

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.



TUTIP
N39 11.8 E009 45.9



PIRIX
N38 54.1 E009 34.7

HOLDING OVER
CAR



CHANGES: STAR RAMEN 1C withdrawn.

LIEE/CAG
ELMAS

15 MAY 09

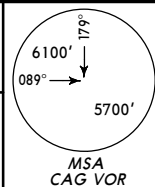
10-3

CAGLIARI, ITALY

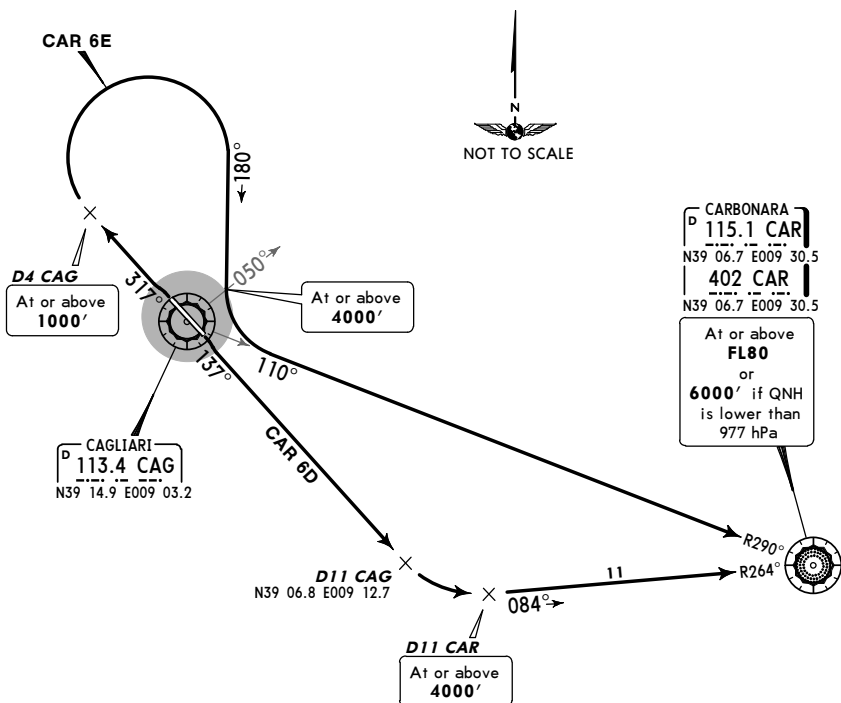
SID

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.

CHANGES: None.

LIEE/CAG
ELMAS

15 MAY 09

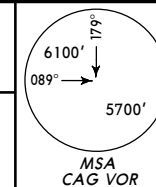
10-3A

CAGLIARI, ITALY

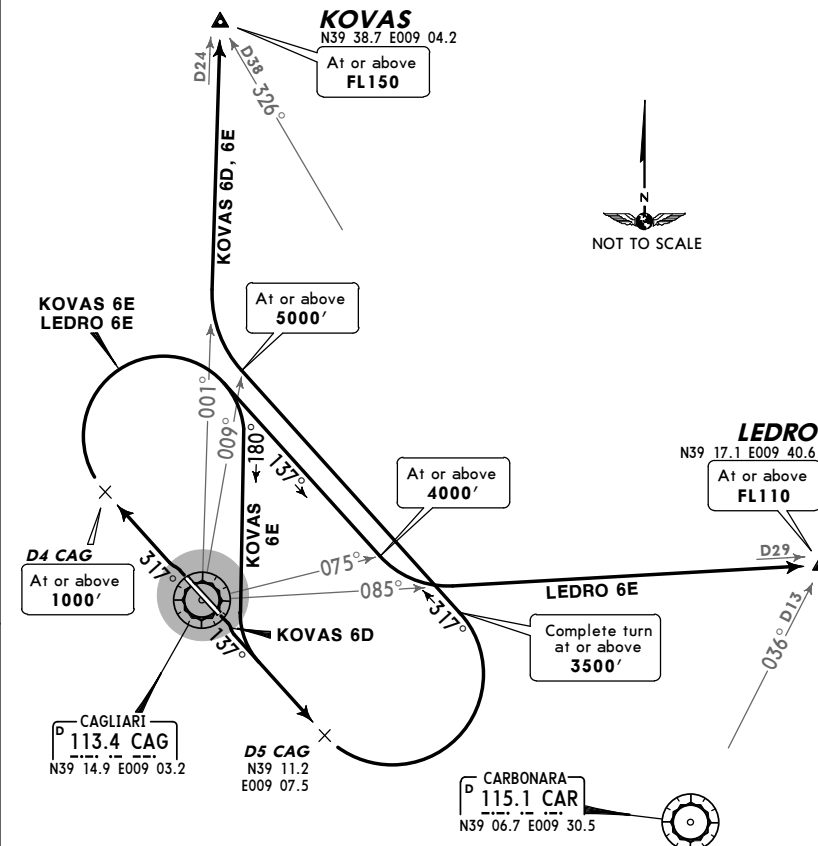
SID

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
320' 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: NCRPs upgraded to CRPs.

LIEE/CAG
ELMAS

7 JAN 05 (10-3B)

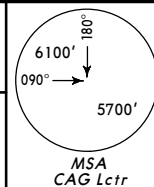
CAGLIARI, ITALY

SID

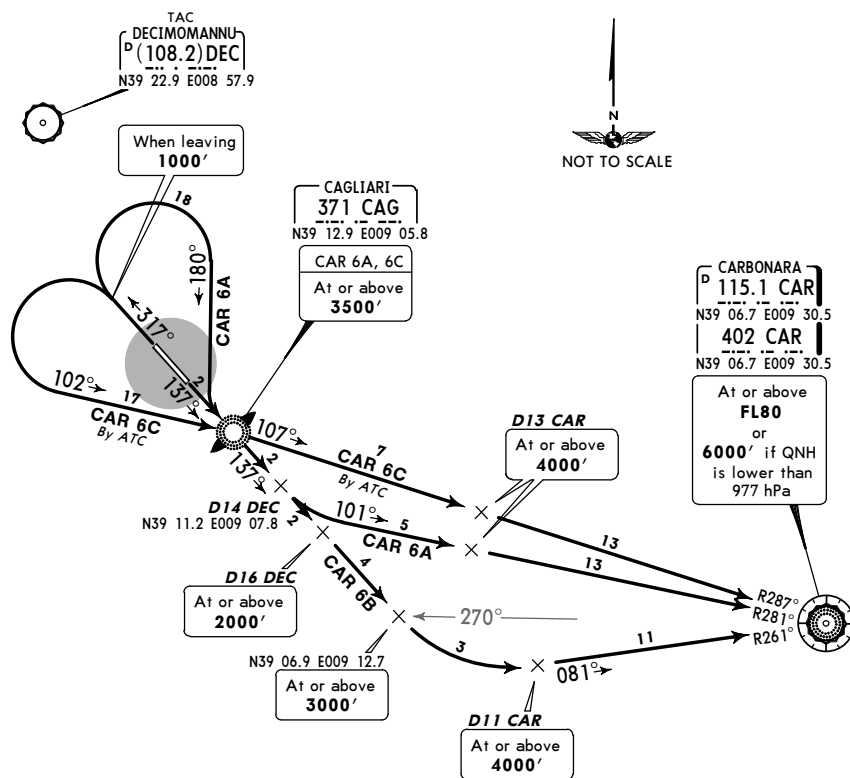
Apt Elev
13'

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.

LIEE/CAG
ELMAS

7 JAN 05 (10-3C)

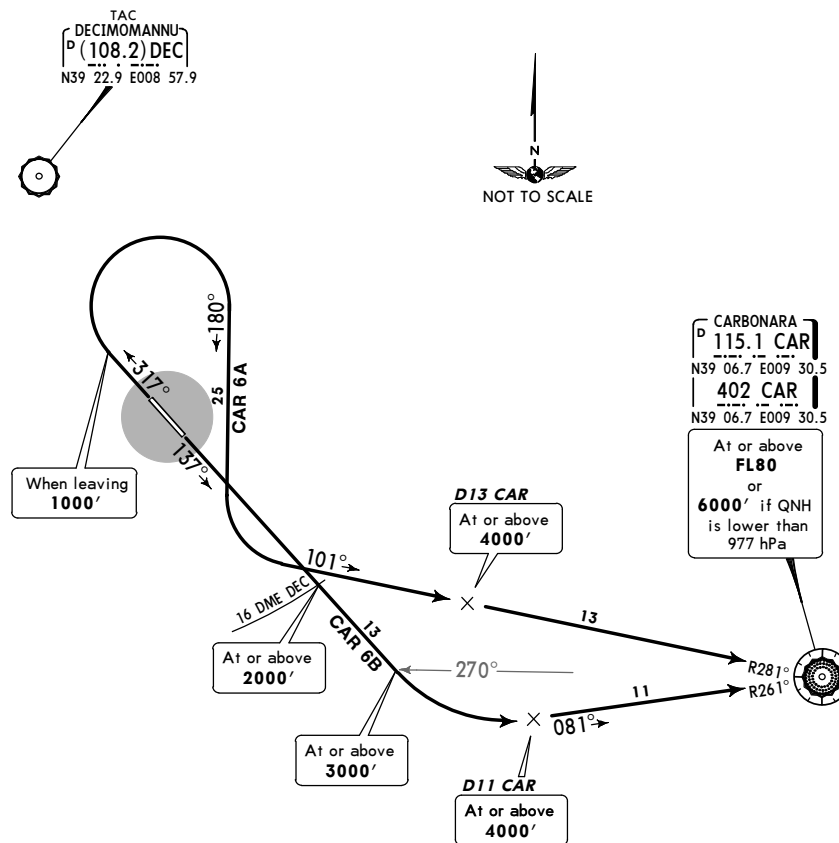
CAGLIARI, ITALY

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.



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.

LIEE/CAG
ELMAS

15 MAY 09

10-3D

CAGLIARI, ITALY

SID

LIEE/CAG

Apt Elev 13'
N39 14.8 E009 03.4

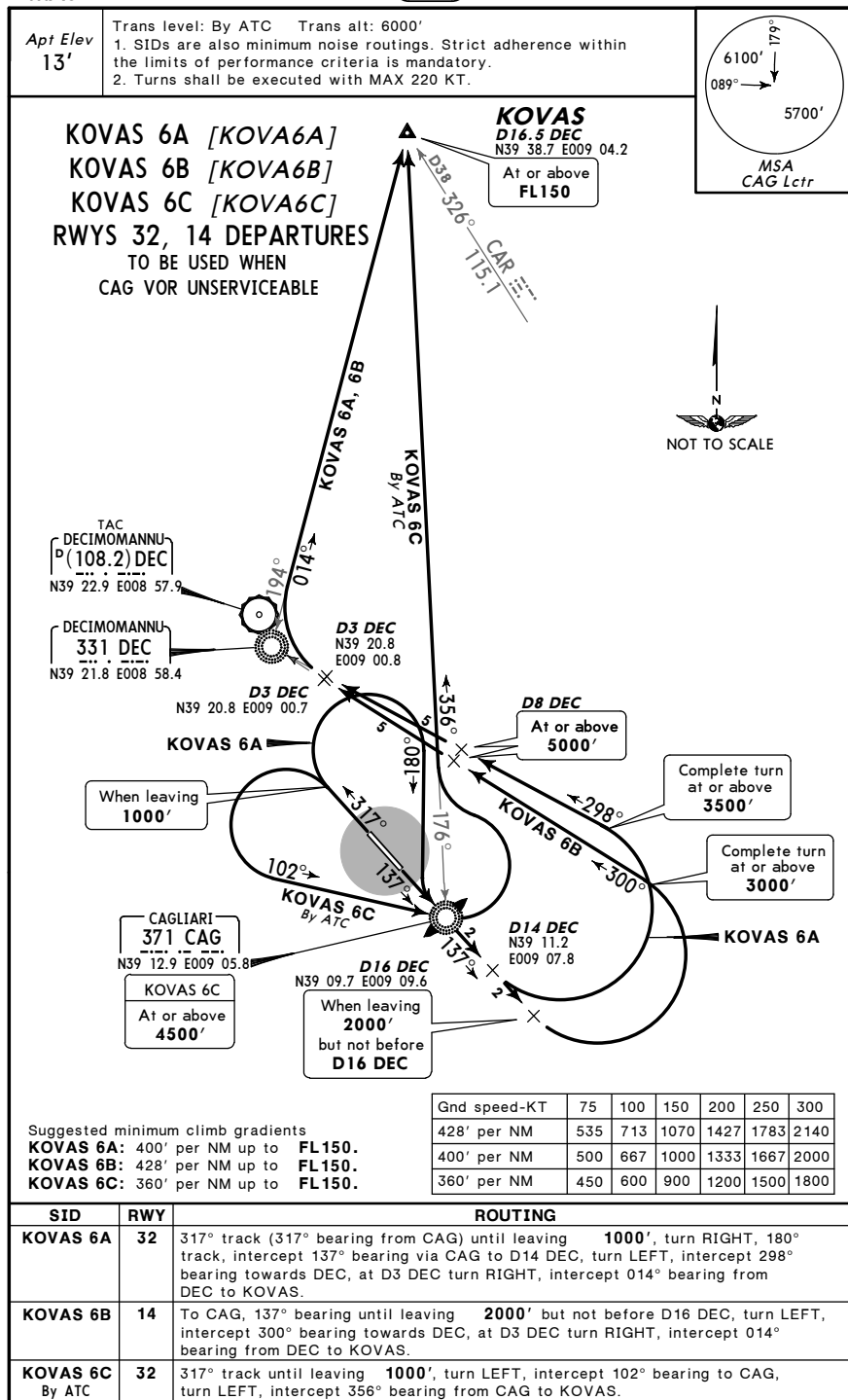
28 MAY 10

10-9

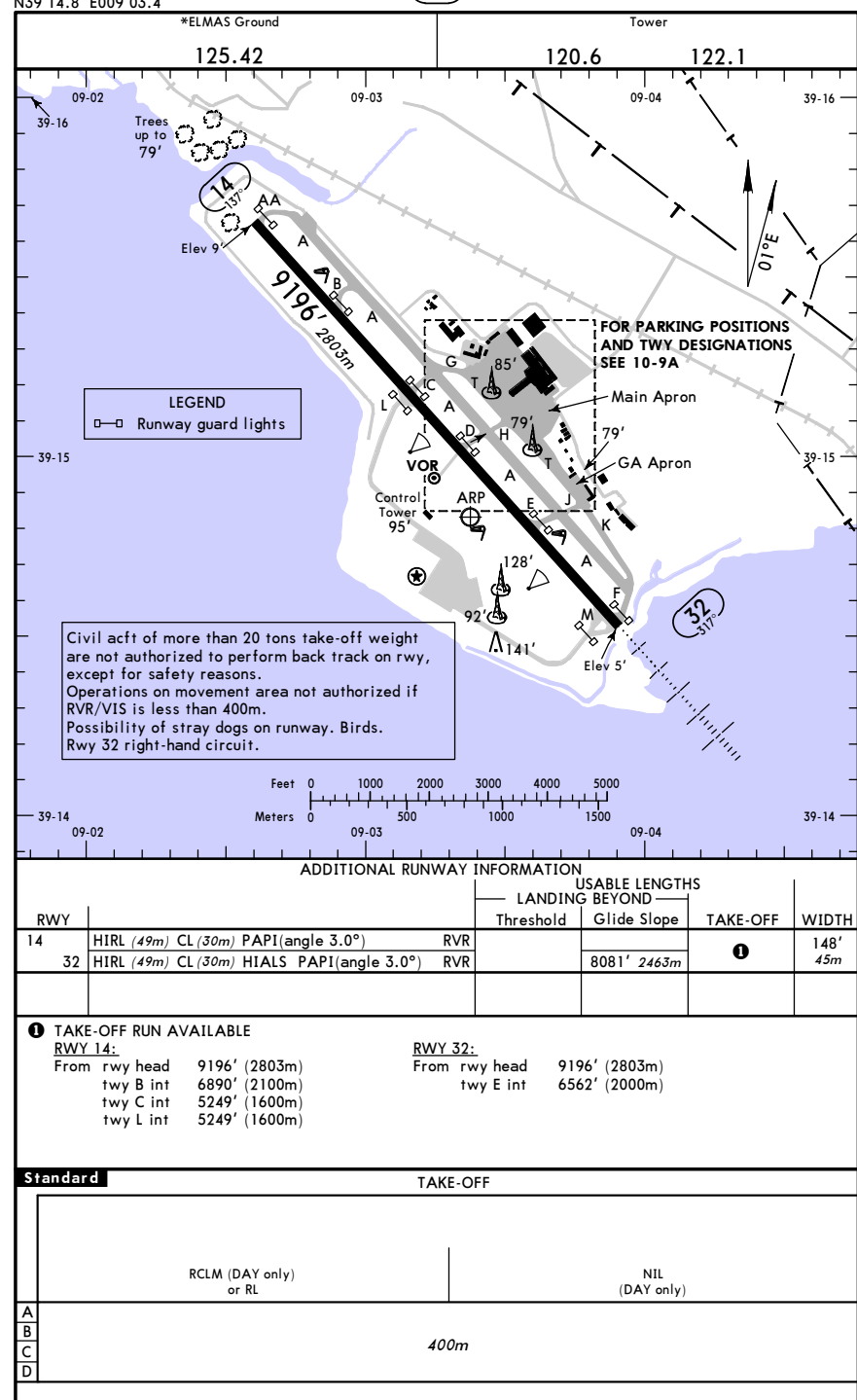
Eff 3 Jun

CAGLIARI, ITALY

ELMAS



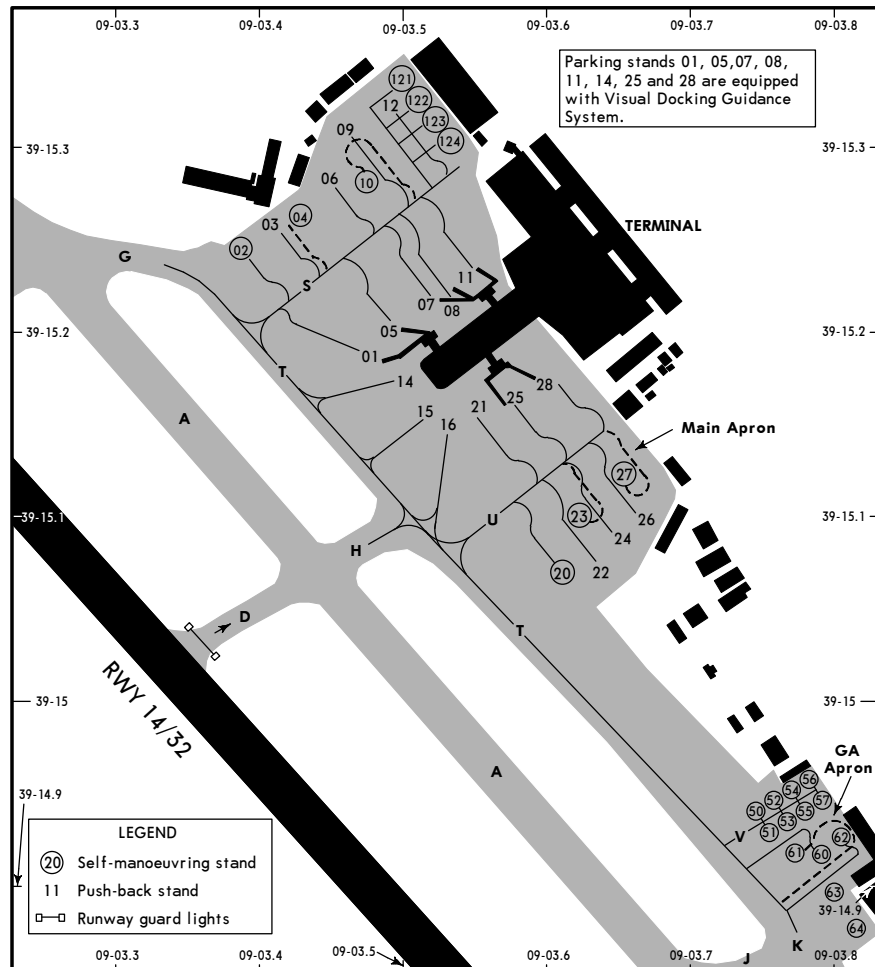
CHANGES: NCRPs upgraded to CRPs.



LIEE/CAG

28 MAY 10

Eff 3 Jun

CAGLIARI, ITALY
ELMAS

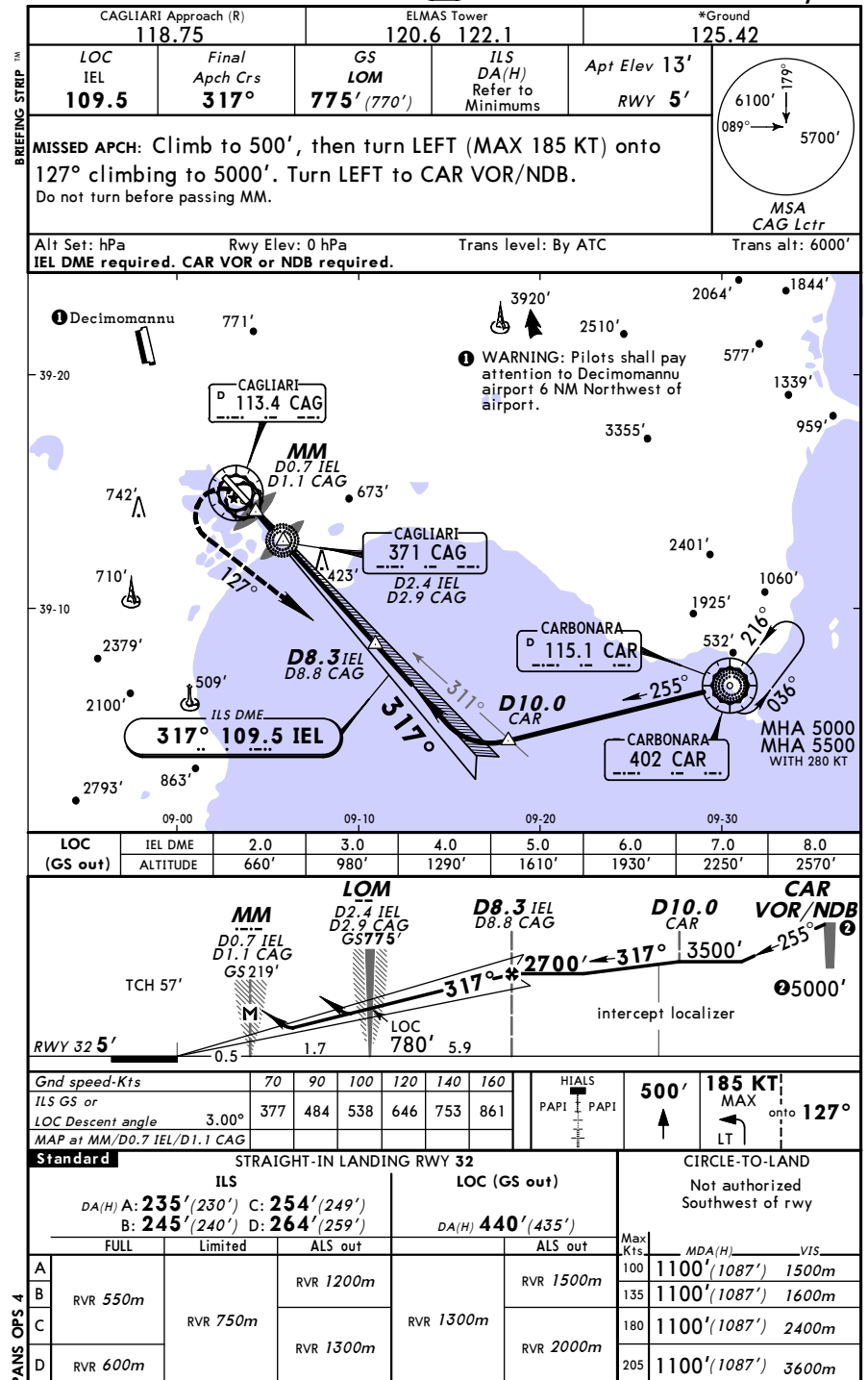
INS COORDINATES

STAND No.	COORDINATES	STAND No.	COORDINATES
Main Apron			
01	N39 15.2 E009 03.5	25	N39 15.2 E009 03.6
02	N39 15.2 E009 03.4	26, 27	N39 15.1 E009 03.7
03, 04	N39 15.3 E009 03.4	28	N39 15.2 E009 03.6
05	N39 15.2 E009 03.5		
06	N39 15.3 E009 03.5		
		GA Apron	
07, 08	N39 15.2 E009 03.5	50 thru 55	N39 14.9 E009 03.8
09, 10	N39 15.3 E009 03.5	56	N39 15.0 E009 03.8
11	N39 15.2 E009 03.6	57 thru 64	N39 14.9 E009 03.8
12	N39 15.3 E009 03.5		
121 thru 124	N39 15.3 E009 03.5		
14, 15	N39 15.2 E009 03.5		
16	N39 15.1 E009 03.5		
20	N39 15.1 E009 03.6		
21	N39 15.2 E009 03.6		
22 thru 24	N39 15.1 E009 03.6		

CHANGES: Stands & coords. Twy designations.

LIEE/CAG
ELMAS

11 MAR 11 (11-1)

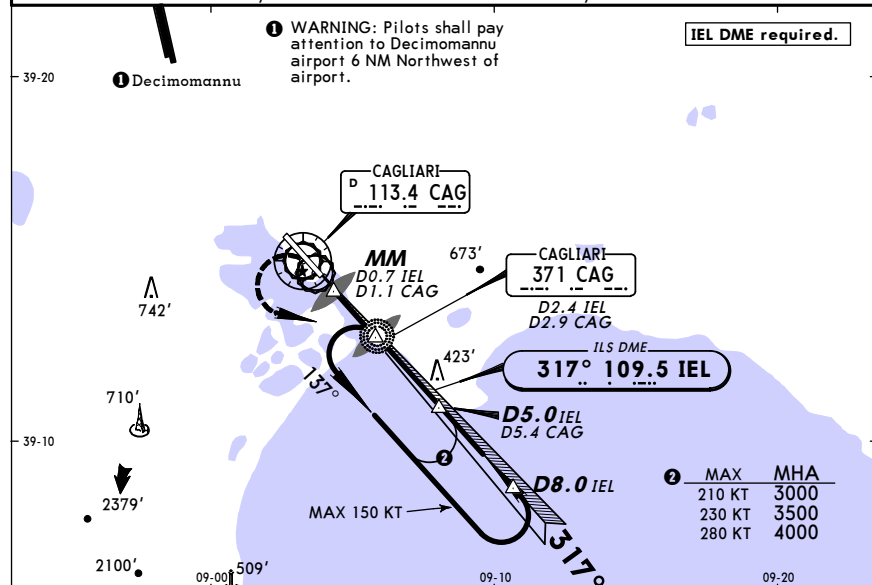
CAGLIARI, ITALY
ILS Z Rwy 32

LIEE/CAG
ELMAS

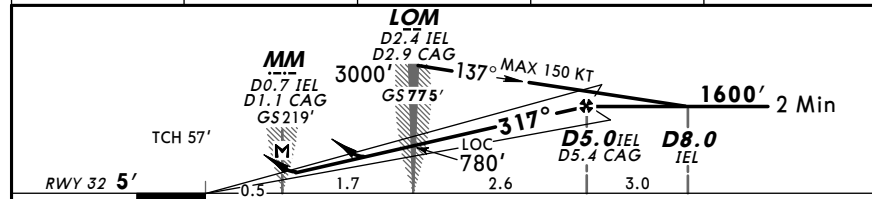
11 MAR 11 (11-2)

CAGLIARI, ITALY
ILS Y Rwy 32

CAGLIARI Approach (R)		ELMAS Tower		*Ground	
118.75		120.6 122.1		125.42	
LOC IEL	Final Apch Crs	GS LOM	ILS DA(H) Refer to Minimums	Apt Elev 13'	RWY 5'
109.5	317°	775' (770')			
MISSED APCH: Climb on 317° to 500', then turn LEFT (MAX 170 KT) climbing to Lctr at 3000'. Do not turn before passing MM. If below 3000' at Lctr continue climb to 3000' on track 137°, then turn RIGHT to Lctr.					
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: By ATC	
				Trans alt: 6000'	



LOC (GS out)	IEL DME	2.0	3.0	4.0
ALTITUDE	660'	980'	1290'	



Gnd speed-Kts	70	90	100	120	140	160		HIALS PAPI PAPI	Refer to Missed Apch above
ILS GS or									
LOC Desc angle	3.00°	377	484	538	646	753	861		
MAP at MM/D0.7 IEL/D1.1 CAG									

STRAIGHT-IN LANDING RWY 32				CIRCLE-TO-LAND	
ILS				Not authorized Southwest of rwy	
DA(H) A: 235' (230') C: 254' (249') B: 245' (240') D: 264' (259')				DA(H) 440' (435')	
FULL Limited ALS out				ALS out	
A	RVR 550m		RVR 1200m	RVR 1500m	
B	RVR 550m		RVR 1200m	RVR 1500m	
C	RVR 750m		RVR 1300m	RVR 2000m	
D	RVR 600m		RVR 1300m	RVR 2000m	
Max Kts	MDA(H)		VIS		
100	1100' (1087')		1500m		
135	1100' (1087')		1600m		
180	1100' (1087')		2400m		
205	1100' (1087')		3600m		

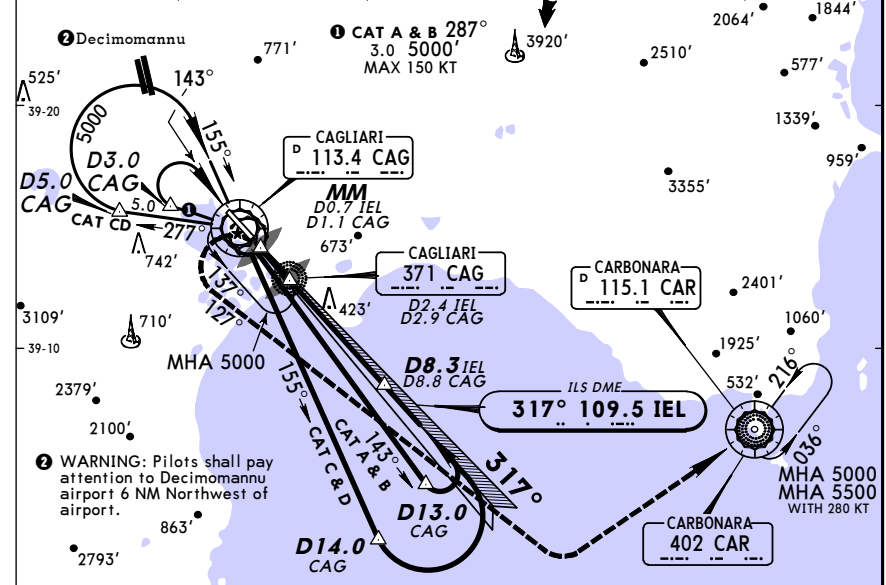
CHANGES: Missed approach.

LIEE/CAG
ELMAS

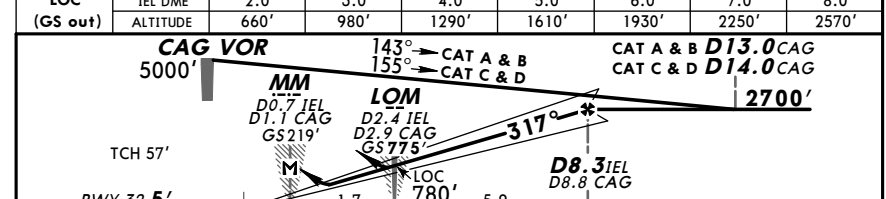
11 MAR 11 (11-3)

CAGLIARI, ITALY
ILS X Rwy 32

CAGLIARI Approach (R)		ELMAS Tower		*Ground	
118.75		120.6 122.1		125.42	
LOC IEL	Final Apch Crs	GS LOM	ILS DA(H) Refer to Minimums	Apt Elev 13'	RWY 5'
109.5	317°	775' (770')			
MISSED APCH: Climb to 500', then climbing turn LEFT onto 127°. At 5000' turn LEFT to CAR VOR/NDB. Do not turn before MM. Turns MAX 185 KT.					
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: By ATC	
				Trans alt: 6000'	



LOC (GS out)	IEL DME	2.0	3.0	4.0	5.0	6.0	7.0	8.0
ALTITUDE	660'	980'	1290'	1610'	1930'	2250'	2570'	



RWY 32 5 0.5 1.7 7.0 5.9						
Gnd speed-Kts	70	90	100	120	140	160
ILS GS or LOC Desc angle	3.00°	377	484	538	646	861
MAP at MM/D0.7 IEL/D1.1 CAG						

STRAIGHT-IN LANDING RWY 32				CIRCLE-TO-LAND	
ILS				Not authorized Southwest of rwy	
DA(H) A: 235' (230') C: 254' (249') B: 245' (240') D: 264' (259')				DA(H) 440' (435')	
FULL Limited ALS out				ALS out	
A	RVR 550m		RVR 1200m	RVR 1500m	
B	RVR 550m		RVR 1200m	RVR 1500m	
C	RVR 750m		RVR 1300m	RVR 2000m	
D	RVR 600m		RVR 1300m	RVR 2000m	
Max Kts	MDA(H)		VIS		
100	1100' (1087')		1500m		
135	1100' (1087')		1600m		
180	1100' (1087')		2400m		
205	1100' (1087')		3600m		

CHANGES: Missed approach.

CAGLIARI, ITALY
By ATC VOR Z Rwy 14

Chart Details:

- Scale:** 08-50, 09-00 863', 09-10, 09-20, 09-30
- Compass Rose:** LI(R)-54
- Key Locations:**
 - Cagliari:** MHA 5000 (4000 for Missed Apch), 3110', 706', 532', 636'
 - Carbonara:** MHA 5500 WITH 280 KT, 1925', 797', 936'
 - Decimomannu:** 771', 3920', 3355', 577', 2539'
- Navigation Aids:**
 - DME required:** 3211', 3920'
 - VOR:** D6.0 CAG [60VOR], D10.0 CAG [FD14], D12.0 CAG
 - DME:** 113.4 CAG, 115.1 CAR, 402 CAR
- Flight Paths:**
 - Path 1:** D12.0 CAG, D10.0 CAG, D10.0 CAG, D6.0 CAG, D1.0 CAG [MD 14], 158°, 279°, 099°, 084°
 - Path 2:** D12.0 CAG, D10.0 CAG, D10.0 CAG, D6.0 CAG, D1.0 CAG [MD 14], 158°, 279°, 099°, 084°
 - Path 3:** D12.0 CAG, D10.0 CAG, D10.0 CAG, D6.0 CAG, D1.0 CAG [MD 14], 158°, 279°, 099°, 084°
- Warnings:**
 - 1 CAT A & B 330° MAX 120 KT**
 - 2 Decimomannu**
 - 2 WARNING: Pilots shall pay attention to Decimomannu airport 6 NM Northwest of airport.**

CAG DME	7.3	7.0	6.0	5.0	4.0	3.0
ALTITUDE	2100'	2010'	1690'	1370'	1050'	740'



Grnd speed-Kts	70	90	100	120	140	160		PAPI	Refer to Missed Apch above	
Descent angle	3.00°	372	478	531	637	743				849
MAP at D1.0 CAG										

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

CHANGES: Minimums.

BRIEFING STRIP™

CAGLIARI, ITALY
By ATC **VOR Y Rwy 14**

① Decimomannu

LI(R)-54

39-20

830'

39-10

3660'

3336'

739'

706'

532'

636'

863'

141°

141°

158°

272°

092°

3211'

2539'

577'

3355'

2401'

1925'

797'

036'

084°

(R-264)

Missed apch B

Missed apch A

CAGLIARI

D 113.4 CAG

MHA 5000

(4000 for Missed Apch)

CARBONARA

D 115.1 CAR

CARBONARA

402 CAR

MHA 5000

MHA 5500

① WARNING: Pilots shall pay attention to Decimomannu airport 6 NM Northwest of airport.

CAT C & D

MAX 185 KT

MAX 120 KT

300°

300°

300°

300°



									PAPI	Refer to Missed Appt above
--	--	--	--	--	--	--	--	--	------	----------------------------

Standard		STRAIGHT-IN LANDING RWY 14	CIRCLE-TO-LAND	
			Not authorized Southwest of rwy	
MDA(H) 930' (921')			Max K15	MDA(H) _____ VIS _____
A			100	
B	CMV 4500m		135	1100' (1087') 4500m
C			180	
D	CMV 4700m		205	1100' (1087') 4700m

CHANGES: Minimums.

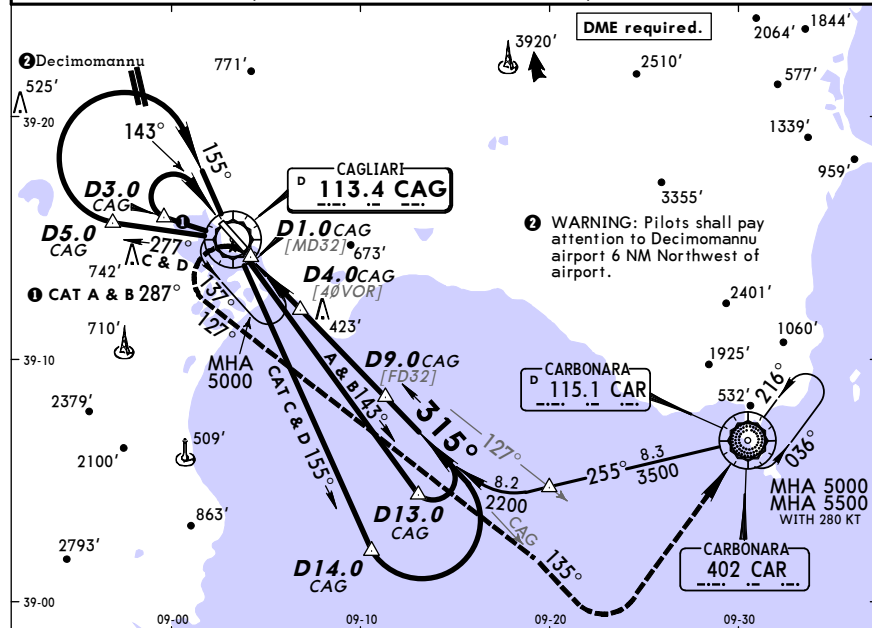
LIEE/CAG
ELMAS

11 MAR 11 (13-3)

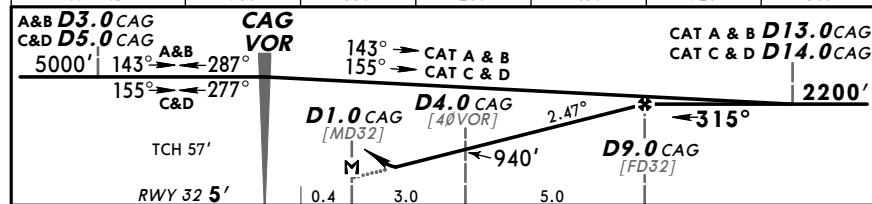
CAGLIARI, ITALY
VOR Z Rwy 32

CAGLIARI Approach (R)		ELMAS Tower		*Ground	
118.75		120.6	122.1	125.42	
VOR CAG	Final Apch Crs	Minimum Alt D9.0 CAG	DA(H)	Apt Elev	13'
113.4	315°	2200' (2195')	800' (795')	RWY	5'
MISSED APCH: Turn LEFT (MAX 185 KT) onto 127° climbing to 5000' and follow R-135 CAG. At 5000' turn LEFT to CAR VOR/NDB.					

Alt Set: hPa Rwy Elev: 0 hPa Trans level: By ATC Trans alt: 6000'



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	
Descent angle	2.47°	306	393	437	524	612	699
MAP at D1.0 CAG							

HIALS

PAPI

PAPI

185 KT

MAX

onto 127°

Standard			CIRCLE-TO-LAND		
STRAIGHT-IN LANDING RWY 32			Not authorized Southwest of rwy		
DA(H) 800' (795')			MDA(H) 1100' (1087')		
ALS out			VIS		
A	RVR 1500m		100	1500m	
B			135	1600m	
C			180	2400m	
D	CMV 2400m		205	3600m	

CHANGES: Missed approach.

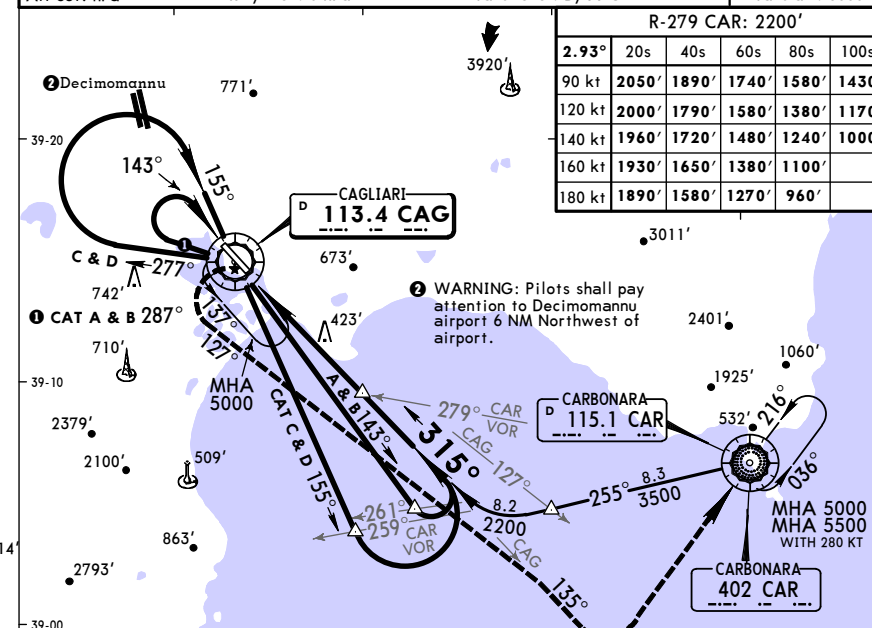
LIEE/CAG
ELMAS

11 MAR 11 (13-4)

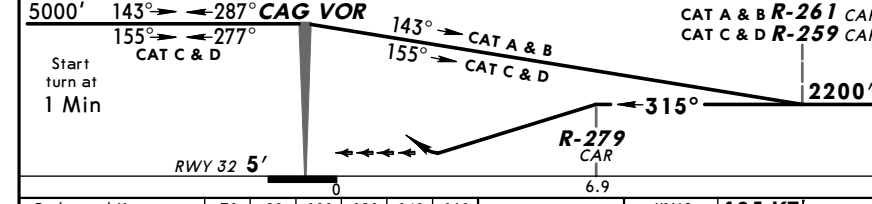
CAGLIARI, ITALY
VOR Y Rwy 32

CAGLIARI Approach (R)		ELMAS Tower		*Ground	
118.75		120.6	122.1	125.42	
VOR CAG	Final Apch Crs	Minimum Alt R-279 CAR	DA(H)	Apt Elev	13'
113.4	315°	2200' (2195')	900' (895')	RWY	5'
MISSED APCH: Turn LEFT (MAX 185 KT) onto 127° climbing to 5000' and follow R-135 CAG. At 5000' turn LEFT to CAR VOR/NDB.					

Alt Set: hPa Rwy Elev: 0 hPa Trans level: By ATC Trans alt: 6000'



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	
Descent angle	2.93°	363	466	518	622	726	829

Standard			CIRCLE-TO-LAND		
STRAIGHT-IN LANDING RWY 32			Not authorized Southwest of rwy		
DA(H) 900' (895')			MDA(H) 1100' (1087')		
ALS out			VIS		
A	RVR 1500m		100	1500m	
B			135	1600m	
C			180	2400m	
D	CMV 2400m		205	3600m	

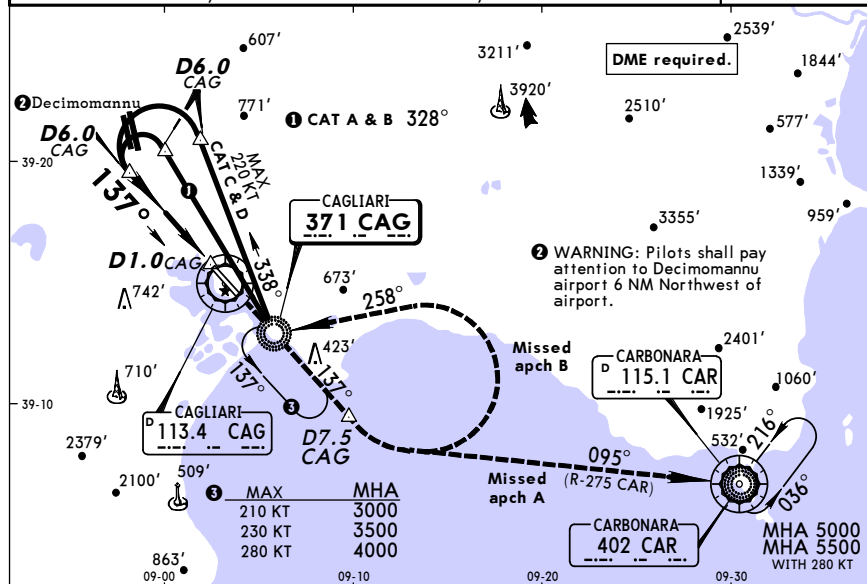
CHANGES: Missed approach.

LIEE/CAG
ELMAS

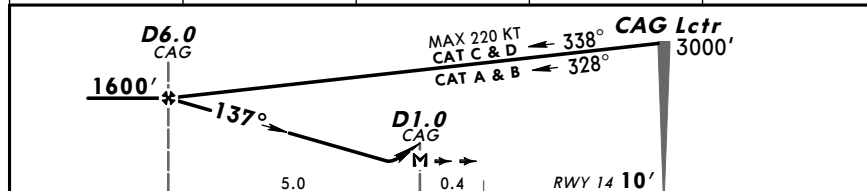
1 JUL 11 (16-1)

CAGLIARI, ITALY
By ATC Lctr Rwy 14

CAGLIARI Approach (R)		ELMAS Tower		*Ground	
118.75		120.6 122.1		125.42	
Lctr CAG 371	Final Aptch Crs 137°	Minimum Alt D6.0 CAG 1600' (1590')	DA(H) 480' (470')	Apt Elev 11' RWY 10'	
MISSED APCH A: Climb on 137° to 5000'. At D7.5 CAG turn LEFT (MAX 220 KT) onto 095° (R-275 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 137° to 3000'. At D7.5 CAG turn LEFT (MAX 220 KT) onto 258° to CAG Lctr and join holding.					
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: By ATC	
		Trans alt: 6000'		MSA CAG Lctr	



CAG DME	6.0	5.0	4.0	3.0
ALTITUDE	1600'	1300'	1000'	700'



Gnd speed-Kts	70	90	100	120	140	160		
Descent angle	2.86°	354	455	506	607	708	809	
MAP at D1.0 CAG								
							PAPI	Refer to Missed Apch above

Standard			CIRCLE-TO-LAND		
STRAIGHT-IN LANDING RWY 14			Not authorized Southwest of rwy		
DA(H) 480' (470')			Max Kts	MDA(H)	VIS
A			100	1100' (1089')	1500m
B			135	1100' (1089')	1600m
C			180	1100' (1089')	2400m
D			205	1100' (1089')	3600m

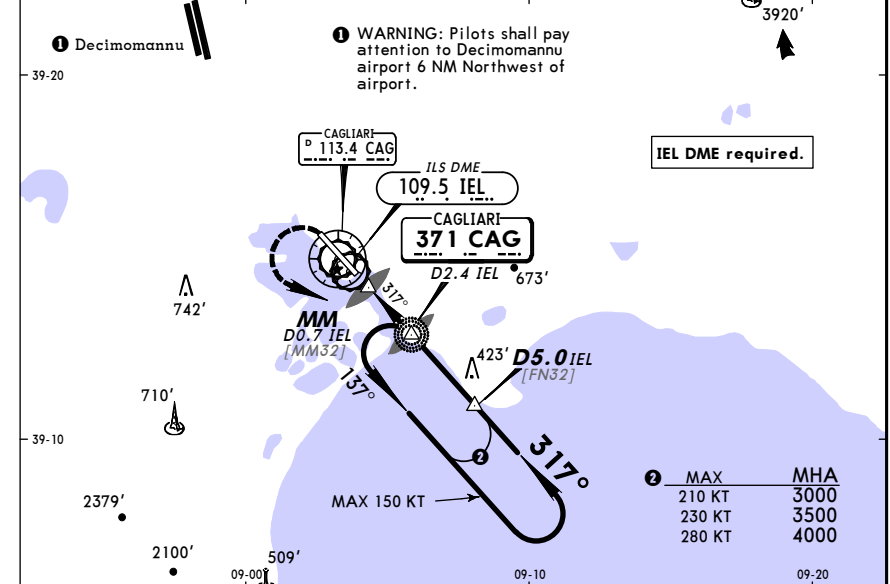
CHANGES: Aerodrome and threshold elevations.

LIEE/CAG
ELMAS

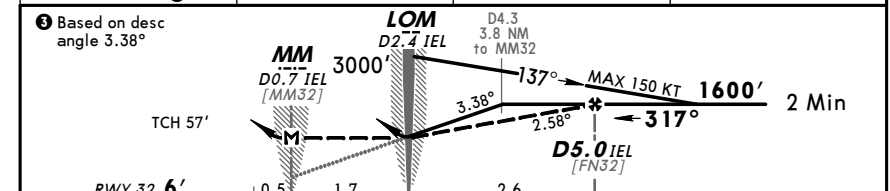
1 JUL 11 (16-2)

CAGLIARI, ITALY
Lctr Rwy 32

CAGLIARI Approach (R)		ELMAS Tower		*Ground	
118.75		120.6 122.1		125.42	
Lctr CAG 371	Final Aptch Crs 317°	Minimum Alt D5.0 IEL 1600' (1594')	CDFA DA(H) 850' (844')	Apt Elev 11' RWY 6'	
MISSED APCH: Turn LEFT (MAX 170 KT) to Lctr climbing to 3000'. Do not turn before passing MM. If below 3000' at Lctr continue climb to 3000' on track 137°, then turn RIGHT to Lctr.					
Alt Set: hPa		Rwy Elev: 0 hPa		Trans level: By ATC	
		Trans alt: 6000'		MSA CAG Lctr	



IEL DME	3.0	4.0	4.3
ALTITUDE	1140'	1500'	1600'



Gnd speed-Kts	70	90	100	120	140	160		
Descent angle FAF-LOM	2.58°	319	411	456	548	639	730	
Descent angle after LOM	3.38°	419	538	598	718	837	957	
Descent angle D4.3 IEL-THR	3.38°	419	538	598	718	837	957	
MAP at MM/D0.5 IEL								
							HIALS	170 KT MAX LT

Standard			CIRCLE-TO-LAND		
STRAIGHT-IN LANDING RWY 32			Not authorized Southwest of rwy		
CDFA DA(H) 850' (844')			Max Kts	MDA(H)	VIS
A			100	1100' (1089')	1500m
B			135	1100' (1089')	1600m
C			180	1100' (1089')	2400m
D			205	1100' (1089')	3600m

CHANGES: Aerodrome and threshold elevations. Waypoint designations.

