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Revision Letter For Cycle 22-2020
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General Information

Location: THIRUVANANTHAPURAM IND
ICAO/IATA: VOTV / TRV
Lat/Long: N08° 28.8', E076° 55.2'
Elevation: 17 ft

Airport Use: Public
Daylight Savings: Not Observed
UTC Conversion: -5:30 = UTC
Magnetic Variation: 2.0° W

Fuel Types: Jet A-1
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: Yes

Sunrise: 0041 Z
Sunset: 1232 Z

Runway Information

Runway: 14
Length x Width: 11070 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 17 ft
Lighting: Edge, ALS
Displaced Threshold: 1332 ft

Runway: 32
Length x Width: 11070 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 16 ft
Lighting: Edge, ALS
Displaced Threshold: 443 ft

Communication Information

ATIS: 126.600
Thiruvananthapuram Tower: 118.100
Thiruvananthapuram Ground: 121.900
Thiruvananthapuram Approach: 119.600
Thiruvananthapuram Radar: 119.600

1. GENERAL

1.1. ATIS

ATIS 126.6

1.2. PARKING INFORMATION

On stands run-up permitted only at IDLE.
Exit stands 1 thru 4 via TWY A.
Stand 5, 6 and 24 thru 26 equipped with visual docking guidance system.
On stands 5 thru 9, 11, 12, 23 thru 28 and 43 thru 45 push-back required.
Enter stands 11 and 12 via TWY A or via TWY B and stand 1 or 2.
Exit stands 11 and 12 via TWY A.

1.3. OTHER INFORMATION

Full or partial run-up TWY E, facing RWY 32 in coordination with Apron Control and ATC.

1.3.1. CONNECTOR ROUTES

Following connector routes have been established to provide connection between enroute structure and RNAV 1 SIDs/STARs.

Route Designator	Route
V22	TVM VOR - NOPAM - NOKID
V23	TVM VOR - KIKIG - NOKID
V24	TVM VOR - KIKIG - TELAR
V25	TVM VOR - RUSUV - TELAR
V26	TVM VOR - RUSUV - ANODA
V27	TVM VOR - RUVAN - ANODA
V28	TVM VOR - RUVAN - DOTAT
V29	TVM VOR - SABKU - DOTAT

1.3.2. RNAV 1 OPERATIONS WHEN DANGER/RESTRICTED AREAS ARE ACTIVE

When VO(D)-175 active: RNAV 1 operations shall be suspended.

When VO(D)-172 active:

RWY 14:

Arrivals on AWY W15 after CIA shall route via TUMLA (TUMLA transition and HIBUS STAR).
Departures shall route via TUMLA (GAKOT SID and TUMLA transition), then to CIA.

RWY 32:

Arrivals on AWY W15 after CIA shall route via TUMLA (TUMLA transition and DINKA or SANOT STAR).
Departures shall be asked to route via TUMLA (RAMPU SID and TUMLA transition), then to CIA.

When VO(D)-189 active:

RWY 14:

Departures on AWY N640 AMESI RNAV SID (transition BIKOK) shall not be permitted.

RWY 32:

Holding over BACOL shall not be permitted.

2. ARRIVAL

2.1. OTHER INFORMATION

2.1.1. COMMUNICATION FAILURE UNDER RADAR VECTORS

If radio communication failure takes place prior to interception of final APCH track, ACFT should maintain last assigned altitude or 3200', whichever is higher and proceed to VOR via shortest route and carry out APCH procedure last cleared.

If radio communication failure takes place after establishing on final APCH track, ACFT should continue APCH for landing.

VOTV/TRV

THIRUVANANTHAPURAM



JEPPESSEN

THIRUVANANTHAPURAM, INDIA

(10-1R)

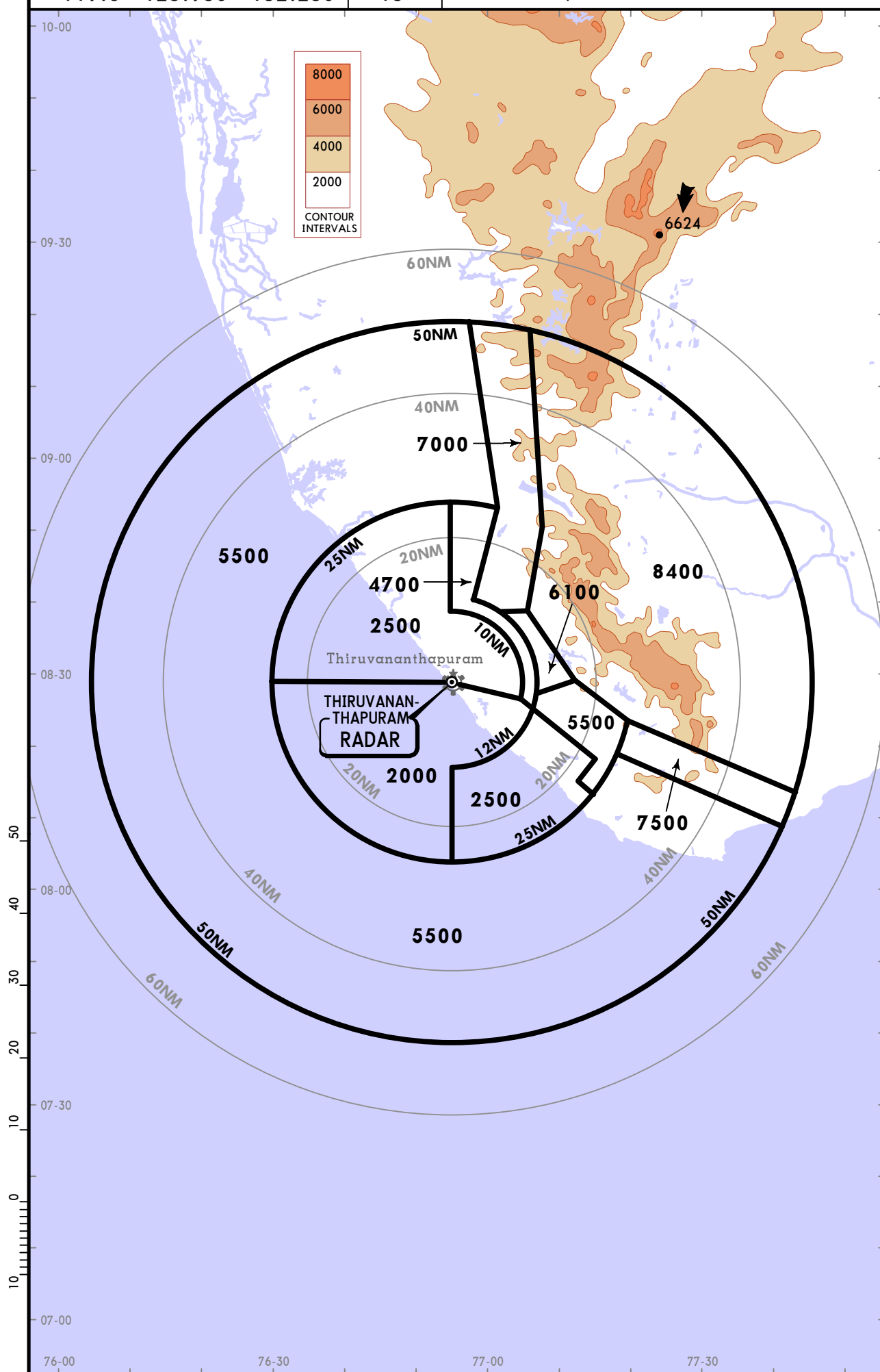
27 JUL 18

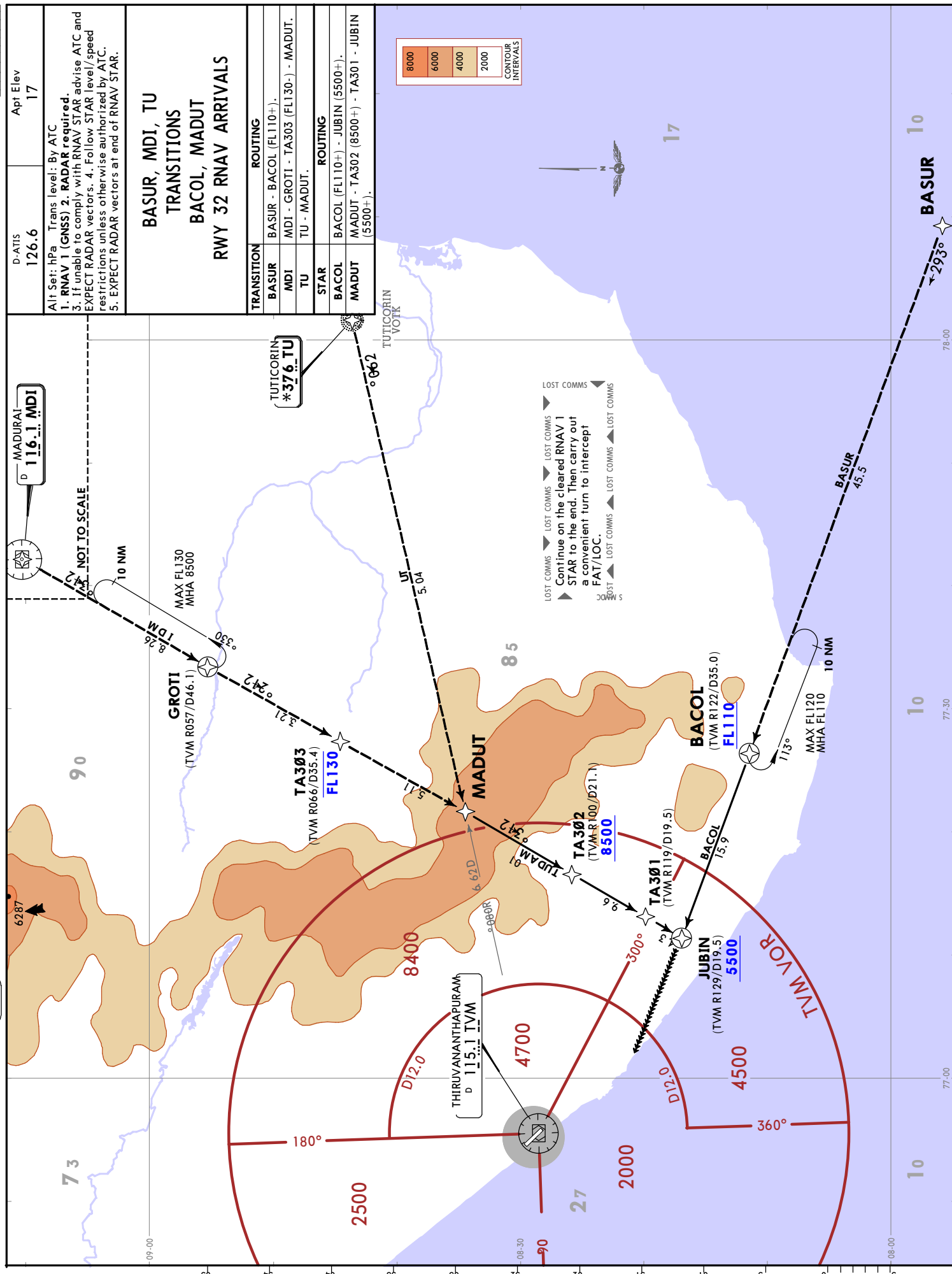
RADAR MINIMUM ALTITUDES

THIRUVANANTHAPURAM Radar
119.6 125.950 132.250

Apt Elev
15'

Alt Set: hPa
Trans level: By ATC Trans alt: 9000'



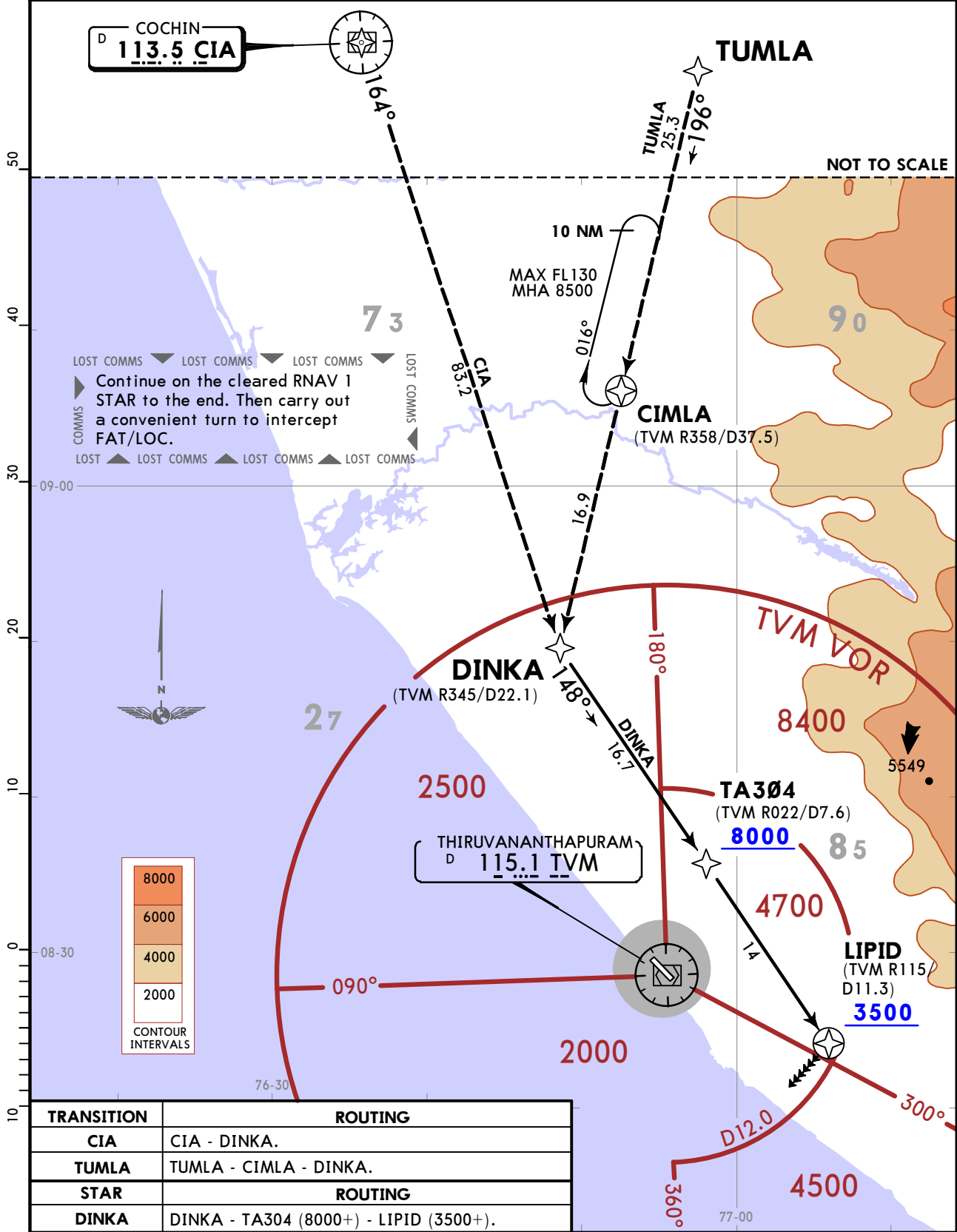


VOTV/TRV
THIRUVANANTHAPURAM

JEPPESSEN THIRUVANANTHAPURAM, INDIA
10-2A 20 SEP 19 **RNAV STAR**

D-ATIS 126.6	Apt Elev 17	Alt Set: hPa Trans level: By ATC 1. RNAV 1 (GNSS) 2. RADAR required. 3. If unable to comply with RNAV STAR advise ATC and EXPECT RADAR vectors. 4. Follow STAR level/speed restrictions unless otherwise authorized by ATC. 5. EXPECT RADAR vectors at end of RNAV STAR.
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CIA, TUMLA
TRANSITIONS
DINKA
RWY 32 RNAV ARRIVAL



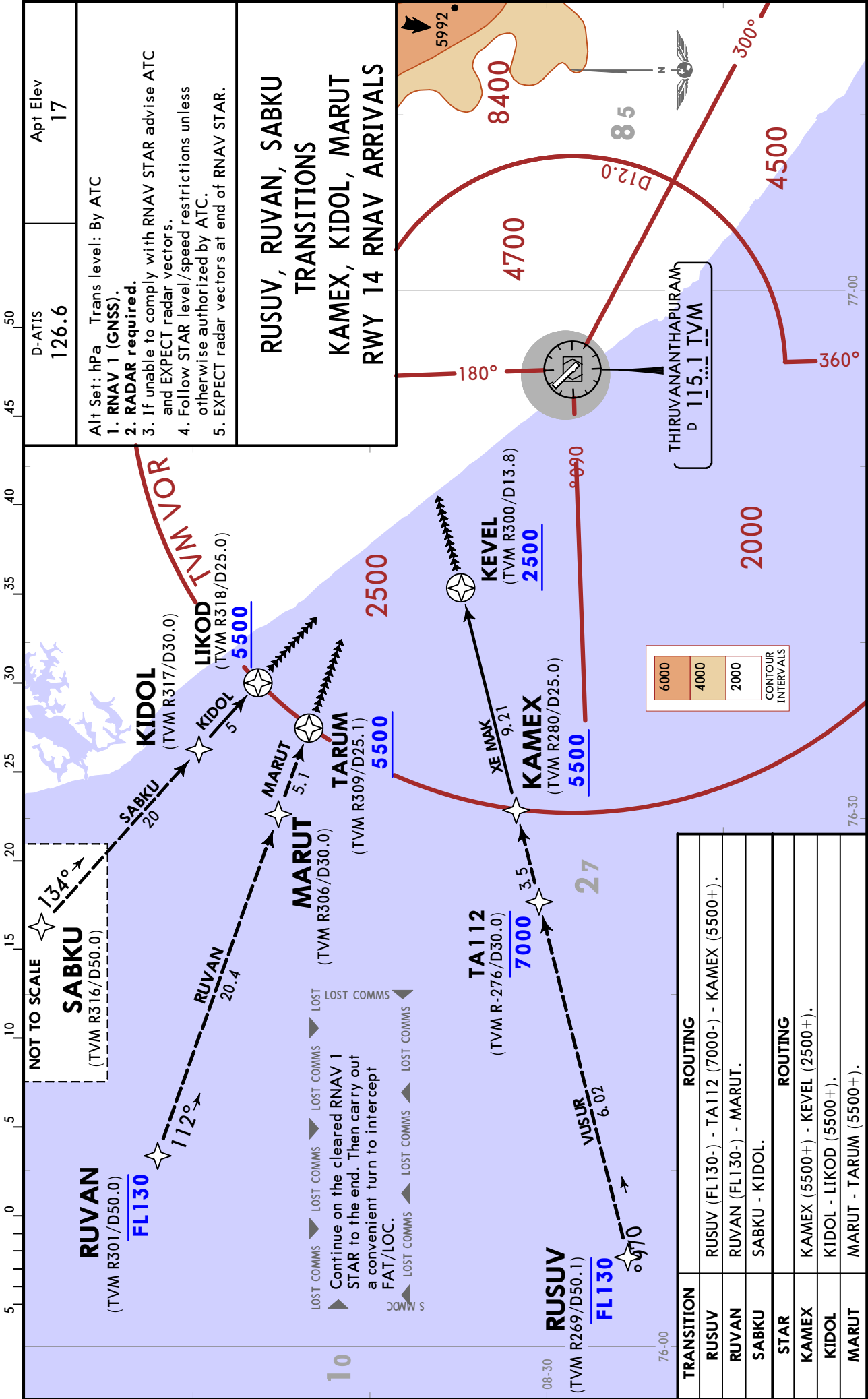


VOTV/TRV
THIRUVANANTHAPURAM

JEPPESSEN THIRUVANANTHAPURAM, INDIA

10-2D 20 SEP 19

RNAV STAR

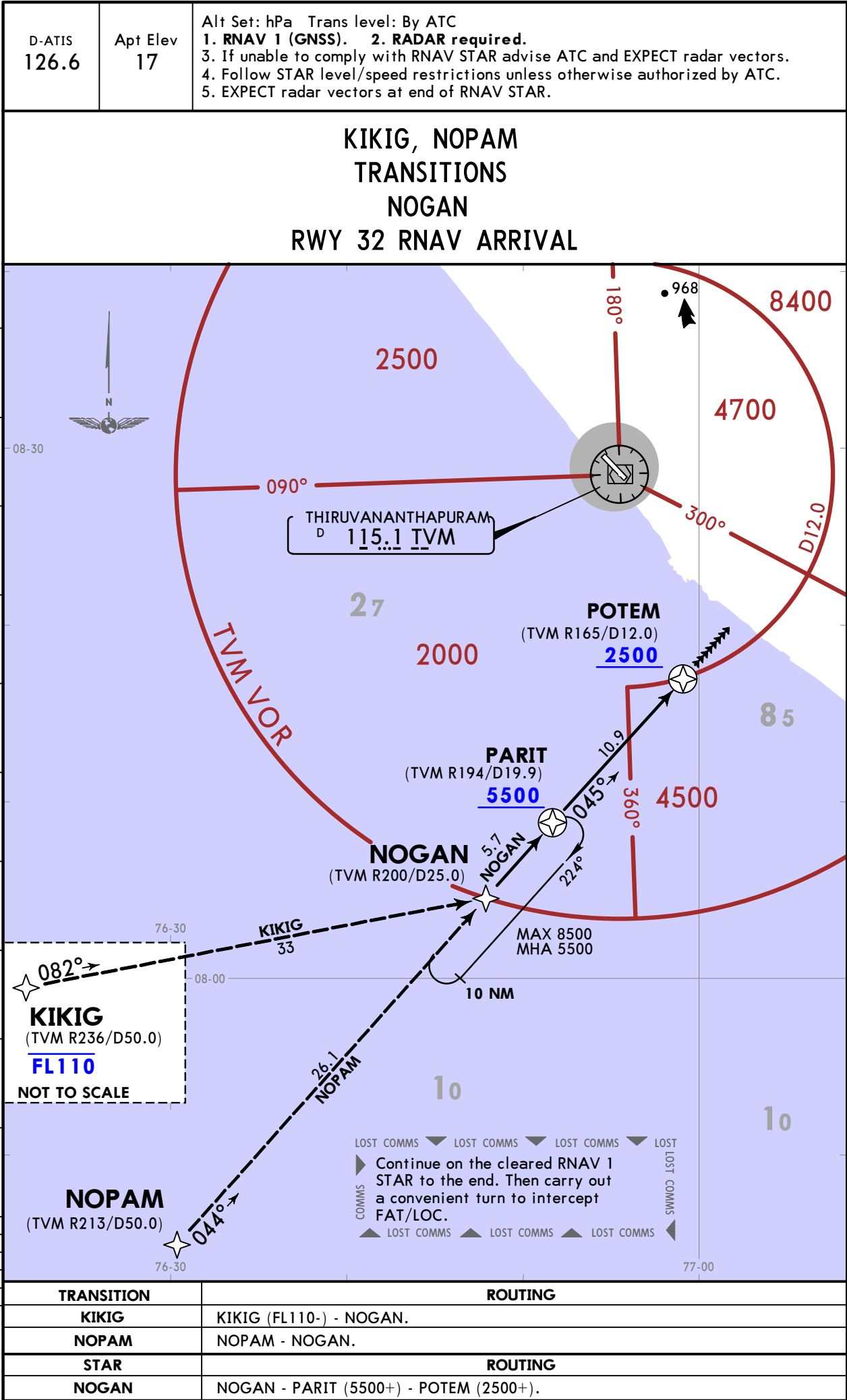


VOTV/TRV
THIRUVANANTHAPURAM

 JEPPESSEN THIRUVANANTHAPURAM, INDIA

10-2E 20 SEP 19

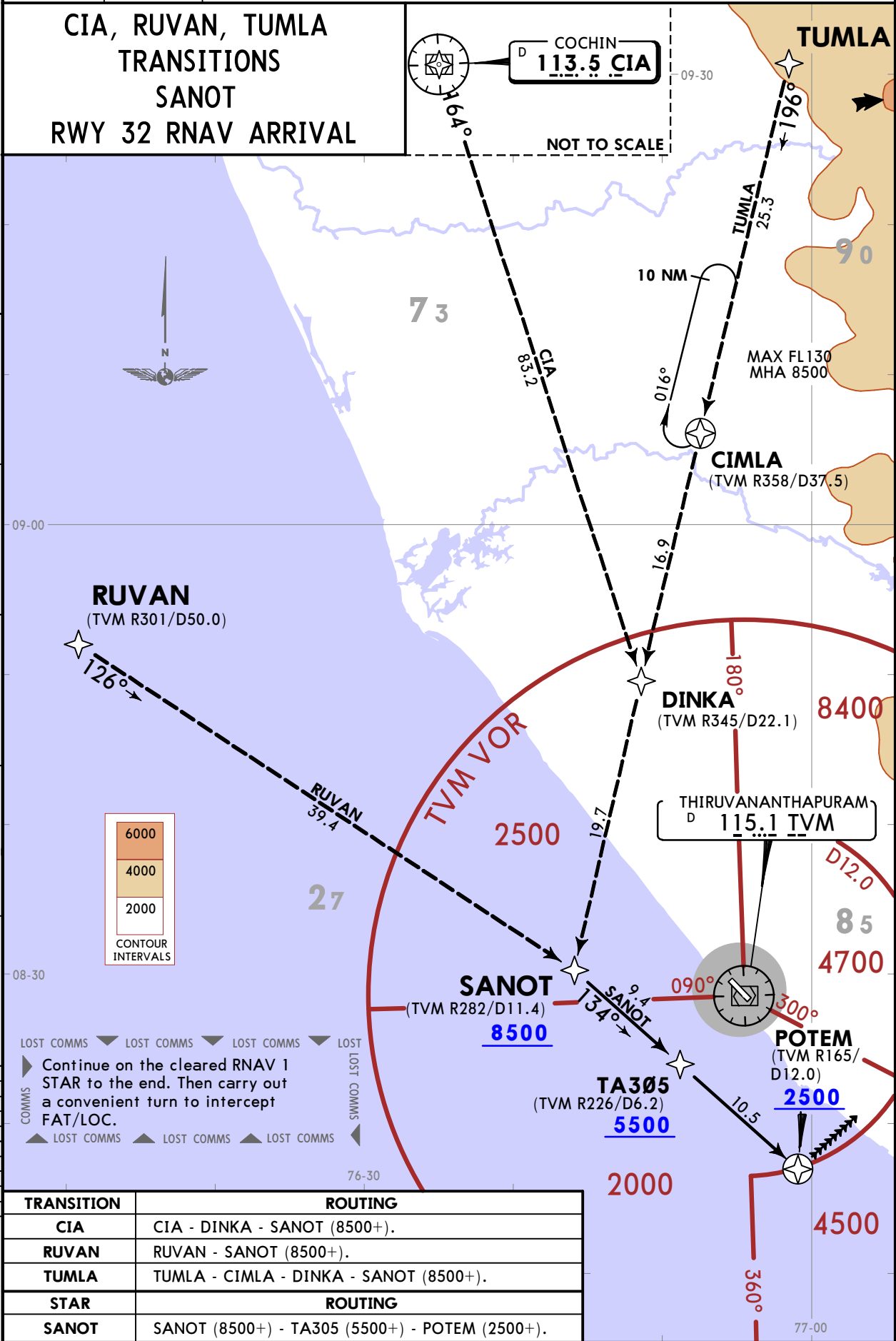
RNAV STAR

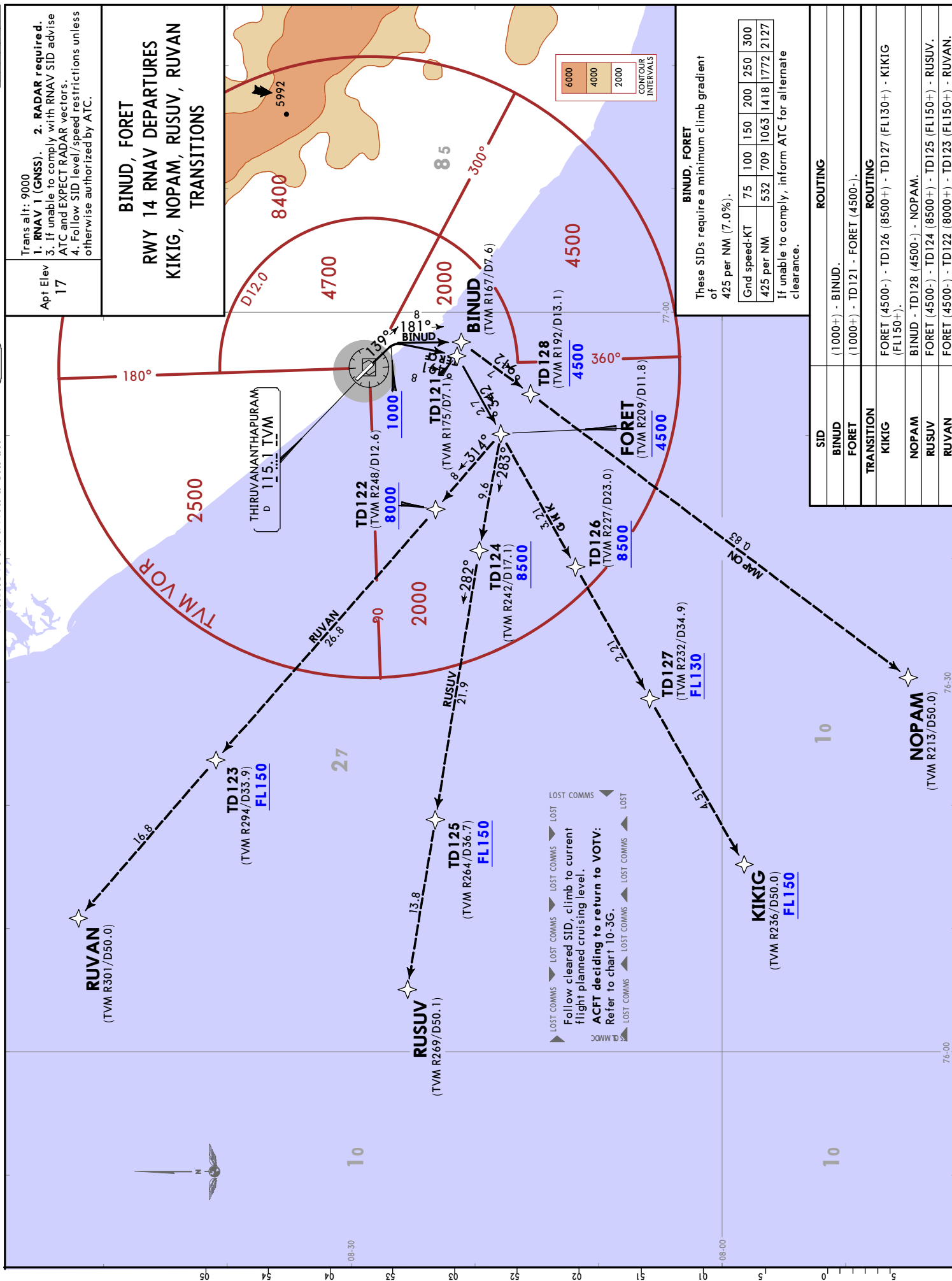


VOTV/TRV
THIRUVANANTHAPURAM

JEPPESSEN THIRUVANANTHAPURAM, INDIA
(10-2F) 20 SEP 19
RNAV STAR

D-ATIS 126.6	Apt Elev 17	Alt Set: hPa Trans level: By ATC 1. RNAV 1 (GNSS). 2. RADAR required. 3. If unable to comply with RNAV STAR advise ATC and EXPECT radar vectors. 4. Follow STAR level/speed restrictions unless otherwise authorized by ATC. 5. EXPECT radar vectors at end of RNAV STAR.
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Trans alt: 9000

1. **RNAV 1 (GNSS).**
2. **RADAR required.**
3. If unable to comply with RNAV SID advise ATC and EXPECT RADAR vectors.
4. Follow SID level/speed restrictions unless otherwise authorized by ATC.

GAKOT
RWY 14 RNAV DEPARTURE
CIA, TUMLA
TRANSITIONS

COCHIN
D 113.5 CIA

TUMLA

Don

F

8

56

1

1

NOT TO SCALE

- 09-00 -

Follow cleared SID, climb to current flight planned cruising level.

ACFT deciding to return to VOTV:
Refer to chart 10-3G.

▲ LOST COMMS ▲ LOST COMMS ▲ LOST COMMS ▲ LOST

6000
4000
2000

CONTOUR
INTERVALS

27

THIRUVANANTHAPURAM
D 115.1 TVM

2500

GAKOT

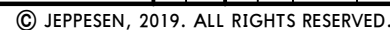
This SID requires a minimum climb gradient of 425 per NM (7.0%).

Gnd speed-KT	75	100	150	200	250	300
425 per NM	532	709	1063	1418	1772	2127

If unable to comply, inform ATC for alternate clearance.

SID	ROUTING
GAKOT	(1000+) - GAKOT.
TRANSITION	ROUTING
CIA	GAKOT - TD135 (4700+) - TD136 (8000+) - TD137 (FL150+) - CIA.
TUMLA	GAKOT - TD135 (4700+) - TD136 (8000+) - TD137 (FL150+) - TUMLA.

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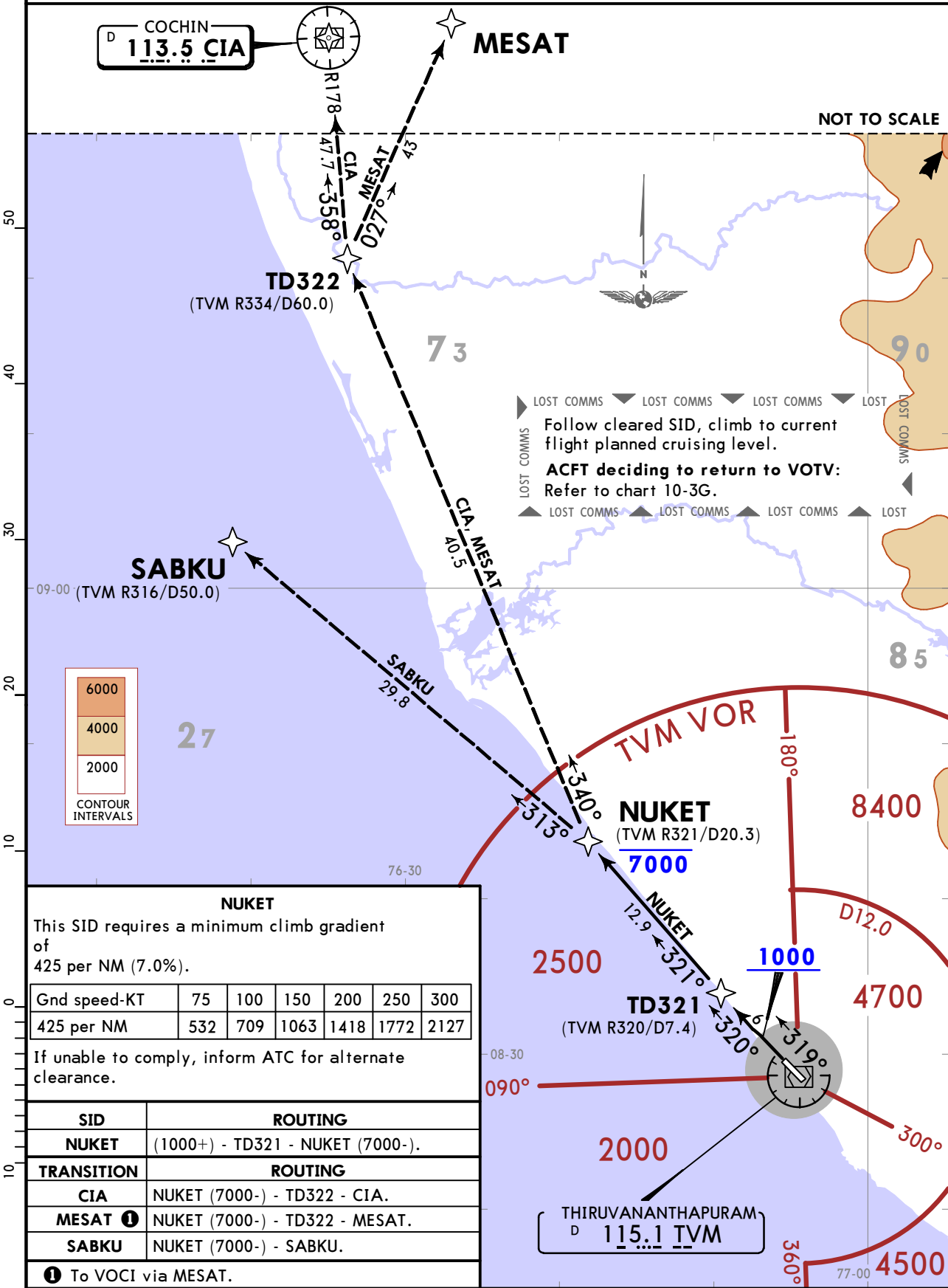
VOTV/TRV
THIRUVANANTHAPURAM

JEPPESSEN THIRUVANANTHAPURAM, INDIA
10-3D 20 SEP 19
RNAV SID

Apt Elev
17

- Trans alt: 9000
1. RNAV 1 (GNSS). 2. RADAR required.
3. If unable to comply with RNAV SID advise ATC and EXPECT radar vectors.
4. Follow SID level/speed restrictions unless otherwise authorized by ATC.

NUKET
RWY 32 RNAV DEPARTURE
CIA, MESAT, SABKU
TRANSITIONS



VOTV/TRV
THIRUVANANTHAPURAM

JEPPESSEN THIRUVANANTHAPURAM, INDIA
10-3E 20 SEP 19

RNAV SID

Apt Elev
17

- Trans alt: 9000
1. RNAV 1 (GNSS). 2. RADAR required.
3. If unable to comply with RNAV SID advise ATC and EXPECT radar vectors.
4. Follow SID level/speed restrictions unless otherwise authorized by ATC.

RAMPU
RWY 32 RNAV DEPARTURE
CCB, TUMLA
TRANSITIONS
TO NORTH

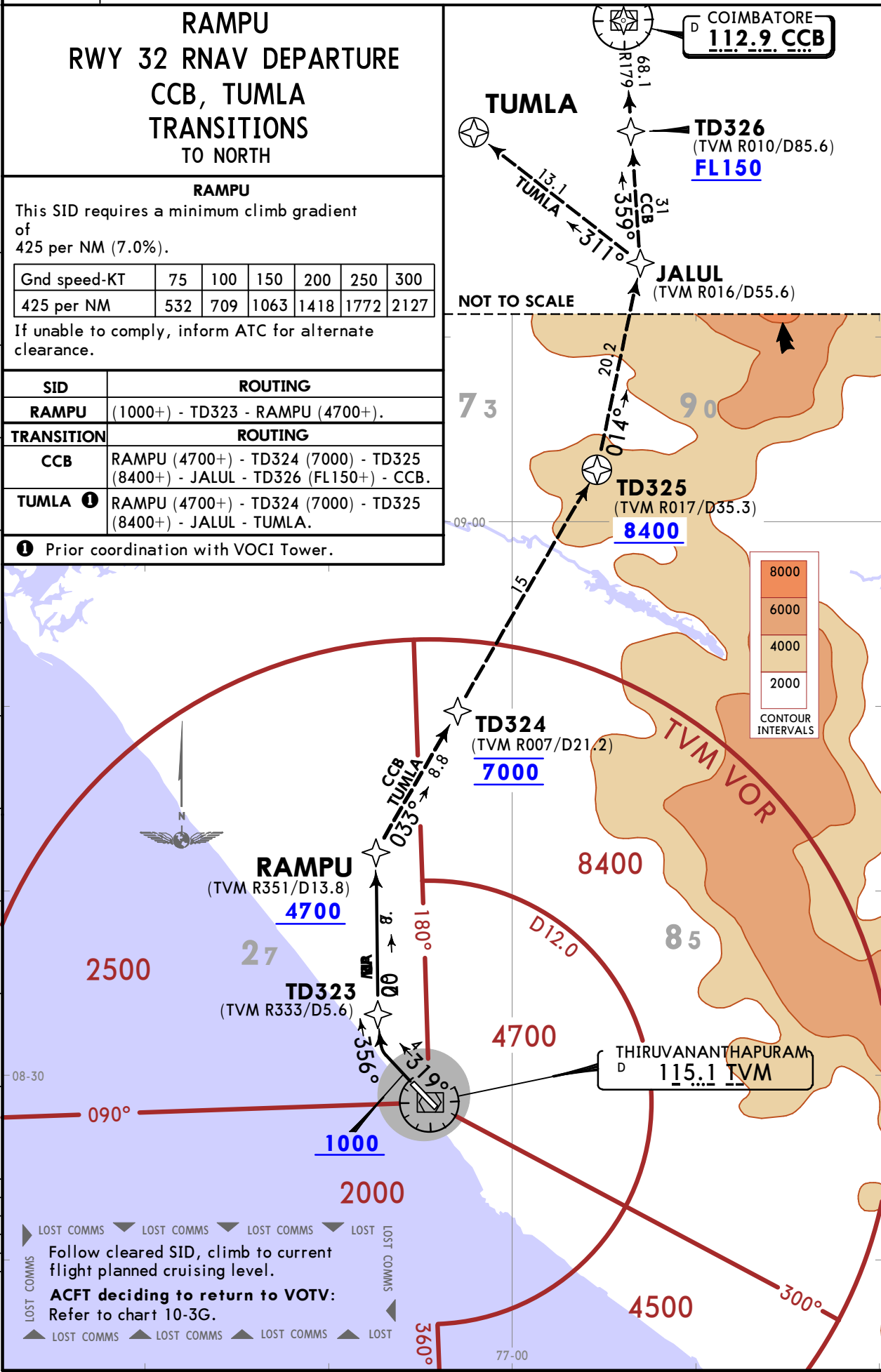
RAMPU
This SID requires a minimum climb gradient
of
425 per NM (7.0%).

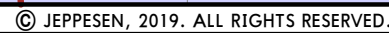
Gnd speed-KT	75	100	150	200	250	300
425 per NM	532	709	1063	1418	1772	2127

If unable to comply, inform ATC for alternate
clearance.

SID	ROUTING
RAMPU	(1000+) - TD323 - RAMPU (4700+).
TRANSITION	ROUTING
CCB	RAMPU (4700+) - TD324 (7000) - TD325 (8400+) - JALUL - TD326 (FL150+) - CCB.
TUMLA ①	RAMPU (4700+) - TD324 (7000) - TD325 (8400+) - JALUL - TUMLA.

① Prior coordination with VOCI Tower.





VOTV/TRV
THIRUVANANTHAPURAM

JEPPESSEN THIRUVANANTHAPURAM, INDIA
10-3G 20 SEP 19
RNAV SID

Apt Elev 17
Trans alt: 9000
1. RNAV 1 (GNSS). 2. RADAR required.

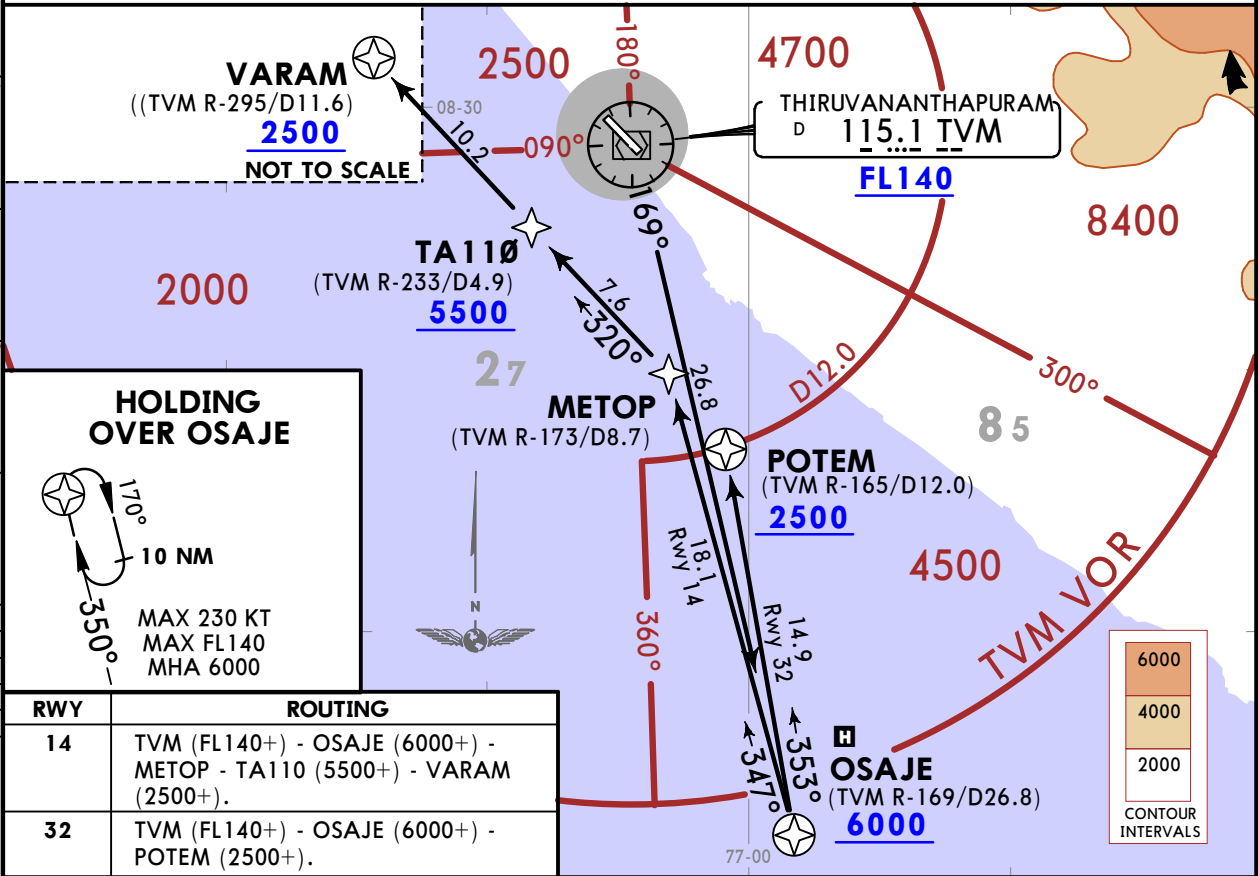
RWYS 14, 32
COMMUNICATION FAILURE PROCEDURE

APPLICABLE TO DEPARTING ACFT DECIDING TO RETURN TO VOTV WITHIN 50 NM FROM TVM
ACFT SHALL USE RWY USED FOR DEPARTURE FOR LANDING

In case of communication failure continue on cleared RNAV 1 SID until TVM 45 DME, main-
taining FL140 or above, carry out the specified turn to fly TVM D50.0 Arc to establish
inbound to TVM on AWY given in the table below.

SID/Transition	RWY	Turn	Inbound AWY
AMESI/MDI	14	LEFT	R457
AMESI/TU		RIGHT	P570W
AMESI/BIKOK		RIGHT	P570W
BINUD/NOPAM		RIGHT	R457
FORET/KIKIG		LEFT	R457
FORET/RUSUV		LEFT	L899
FORET/RUVAN		LEFT	UL425
GAKOT/CIA		RIGHT	R457
GAKOT/TUMLA		RIGHT	R457
KALAK/KIKIG	32	RIGHT	L899
KALAK/RUSUV-ANODA		LEFT	L899
KALAK/RUSUV-TELAR		LEFT	L899
NUKET/CIA		LEFT	P570
NUKET/MESAT		LEFT	P570
NUKET/SABKU		LEFT	P570
RAMPU/BIKOK		RIGHT	P570W
RAMPU/CCB		RIGHT	R457
RAMPU/JALUL		RIGHT	R457
RAMPU/MDI		RIGHT	R457
RAMPU/TU		RIGHT	P570W

CONTINUATION AFTER REACHING TVM

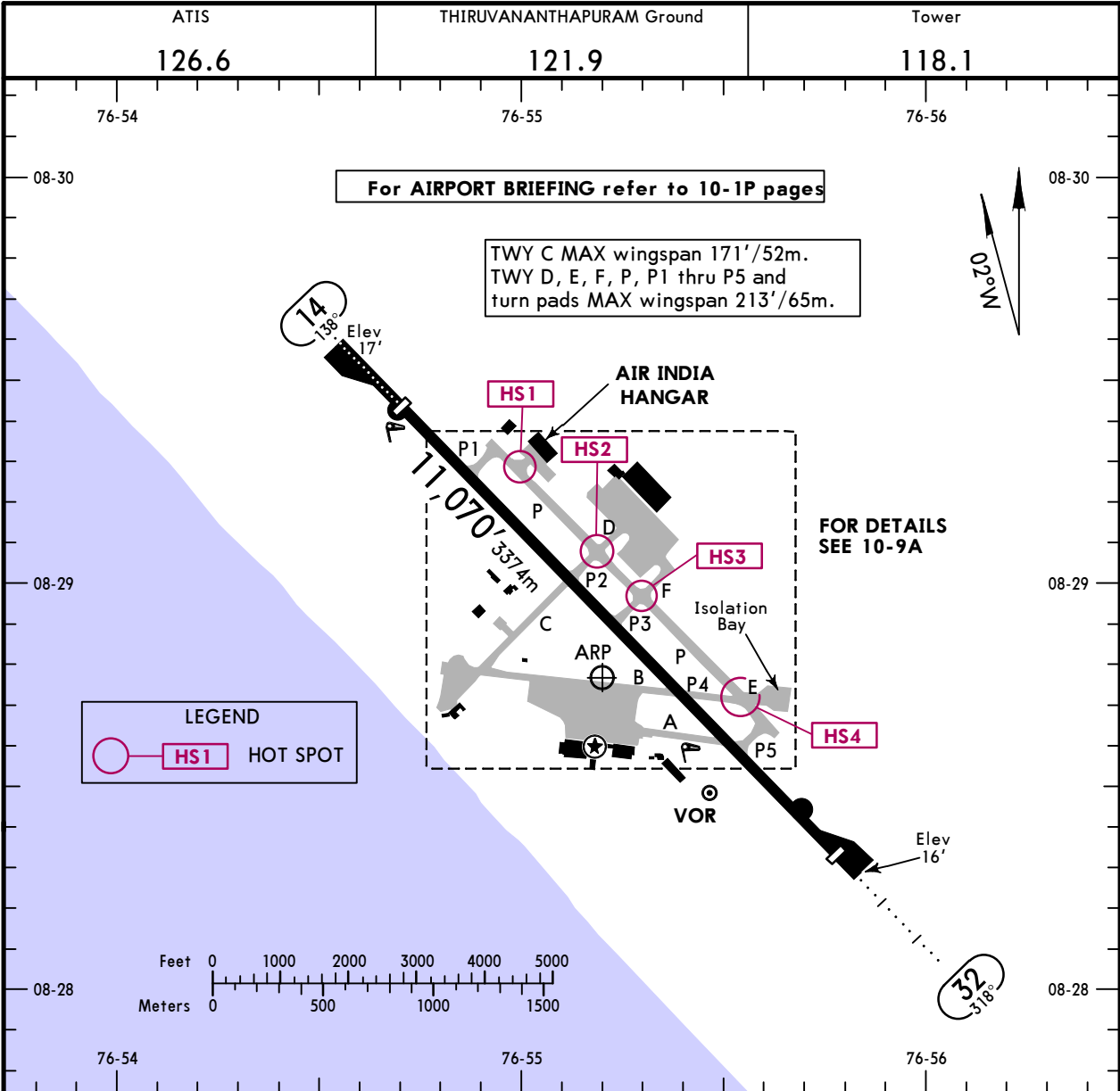


VOTV/TRV

Apt Elev 17'
N08 28.8 E076 55.2

JEPP
THIRUVANANTHAPURAM, INDIA
THIRUVANANTHAPURAM

31 JUL 20 (10-9) Eff 13 Aug



ADDITIONAL RUNWAY INFORMATION								
RWY					USABLE LENGTHS		TAKE-OFF	WIDTH
					LANDING BEYOND			
					Threshold	Glide Slope		
14 32	HIRL (60m)	HIALS	PAPI-L (angle 3.0°)	RVR	9738' 2968m			148' 45m
					10,627' 3239m	9594' 2924m		

HOT SPOTS

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

Pilots must exercise CAUTION and proceed as per ATC clearance.

HS1 Intersection of line track from Air India Hangar and TWY P. Caution for acft being towed to/from hangar. After vacating RWY on TWY P1 proceed to TWY P with ATC clearance.

HS2 Intersection of TWY D, P, P2.

HS3 Intersection of TWY F, P, P3.

HS4 Intersection of TWY E, P, P4.

Standard/DGCA

TAKE-OFF

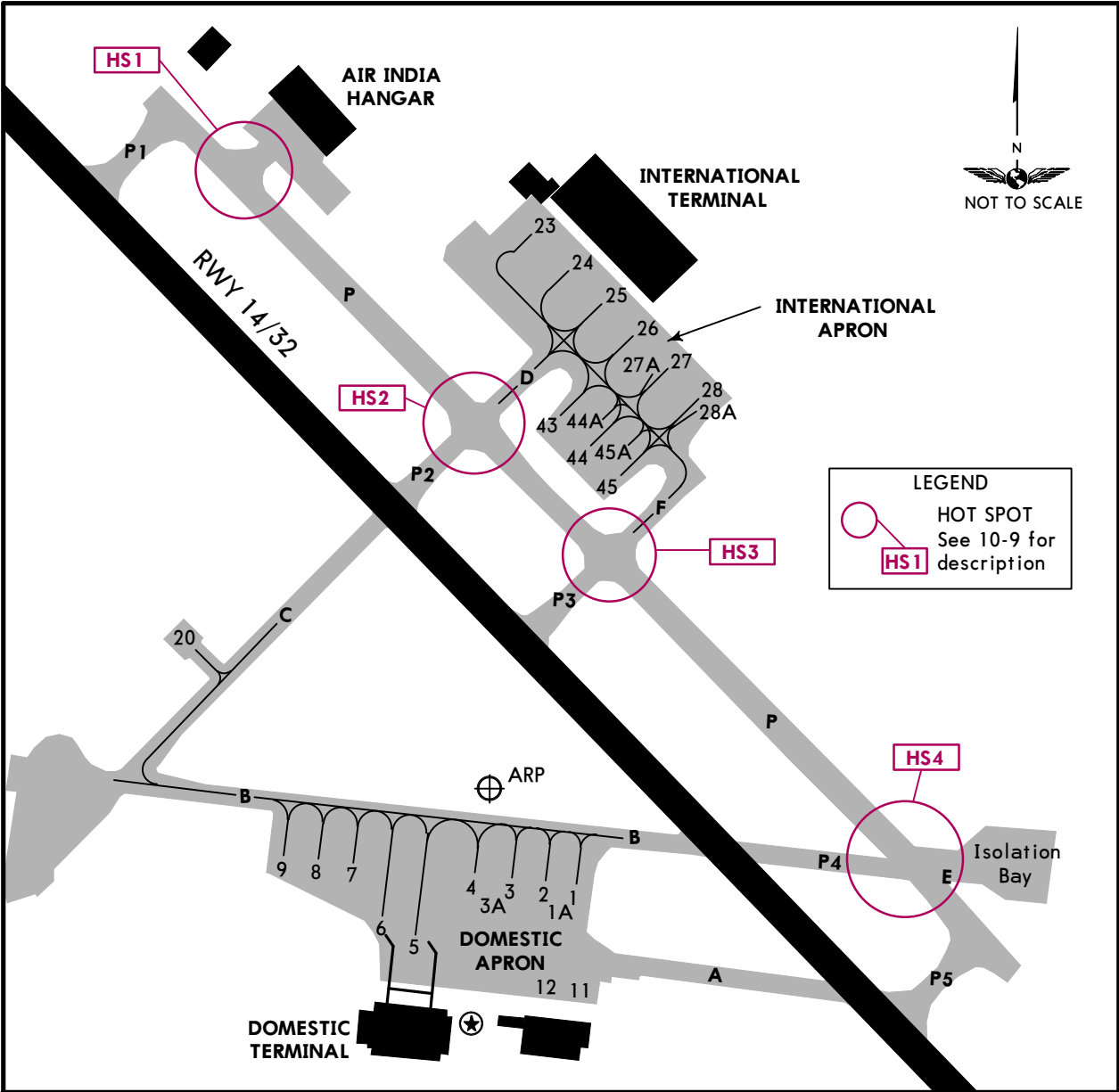
	TAKE-OFF		
	Low Visibility Take-off		
	Day: RL & RCLM Night: RL	Day: RL or RCLM Night: RL	Adequate vis ref (Day only)
A	300m	400m	500m
B			
C			
D			

VOTV/TRV

JEPPESENTHIRUVANANTHAPURAM, INDIA

31 JUL 20 10-9A Eff 13 Aug

THIRUVANANTHAPURAM



INS COORDINATES

STAND No.	COORDINATES	ELEV	STAND No.	COORDINATES	ELEV
1, 1A, 2	N08 28.7 E076 55.3	14'	27 thru 28A	N08 29.1 E076 55.4	18'
3, 3A, 4	N08 28.7 E076 55.2	15'	43	N08 29.1 E076 55.2	17'
5	N08 28.6 E076 55.1	17'	44	N08 29.0 E076 55.3	17'
6	N08 28.7 E076 55.1	16'	44A	N08 29.1 E076 55.3	17'
7, 8	N08 28.7 E076 55.1	15'	45	N08 29.0 E076 55.3	18'
9	N08 28.7 E076 55.0	15'	45A	N08 29.0 E076 55.3	17'
11	N08 28.6 E076 55.3	15'	Isolation Bay	N08 28.7 E076 55.6	17'
12	N08 28.6 E076 55.2	15'			
23	N08 29.2 E076 55.2	18'			
24 thru 26	N08 29.2 E076 55.3	18'			

VOTV/TRV

THIRUVANANTHAPURAM

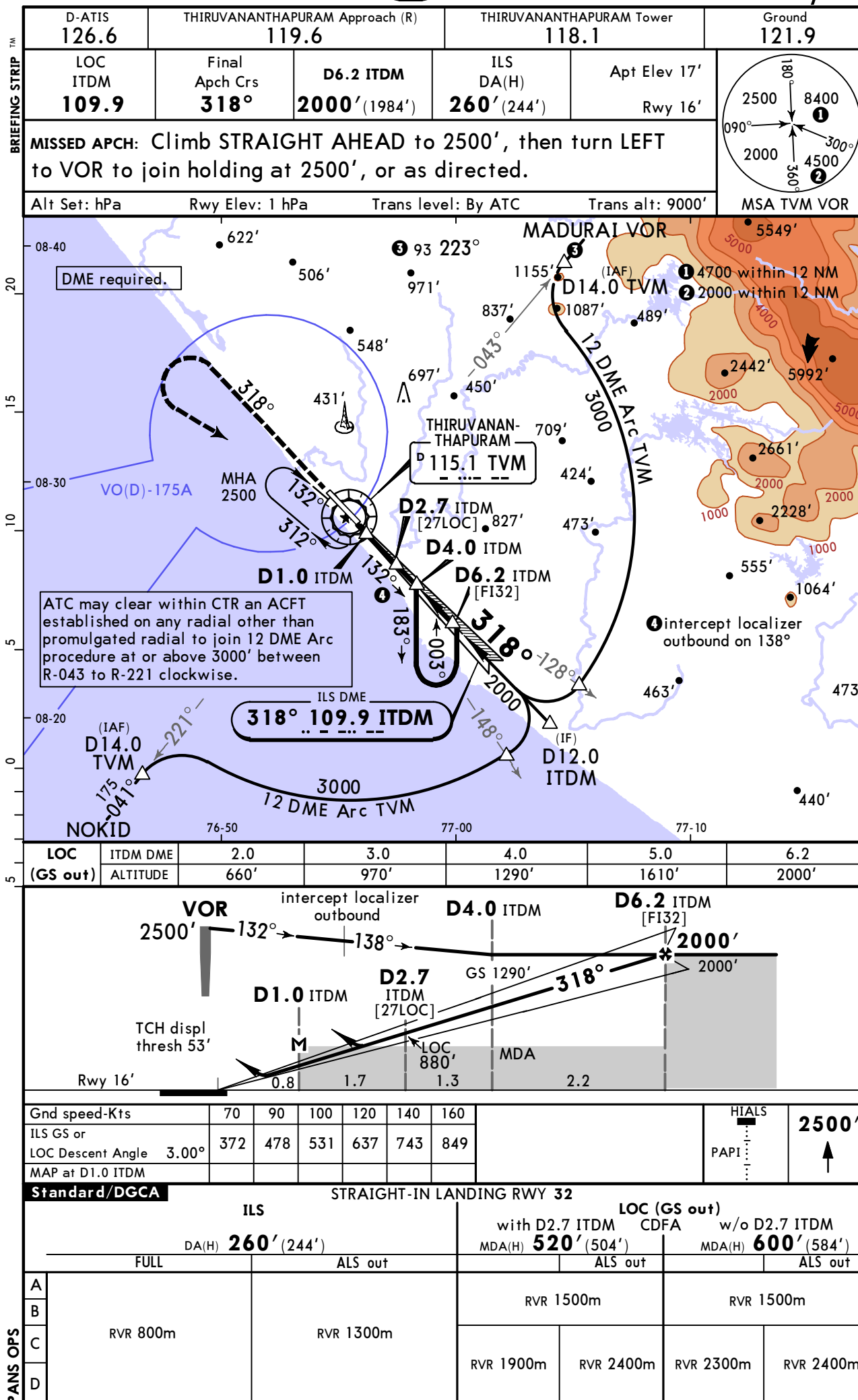
31 JUL 20

(11-1)

Eff 13 Aug

JEPPESENTHIRUVANANTHAPURAM, INDIA

ILS Rwy 32



VOTV/TRV

THIRUVANANTHAPURAM

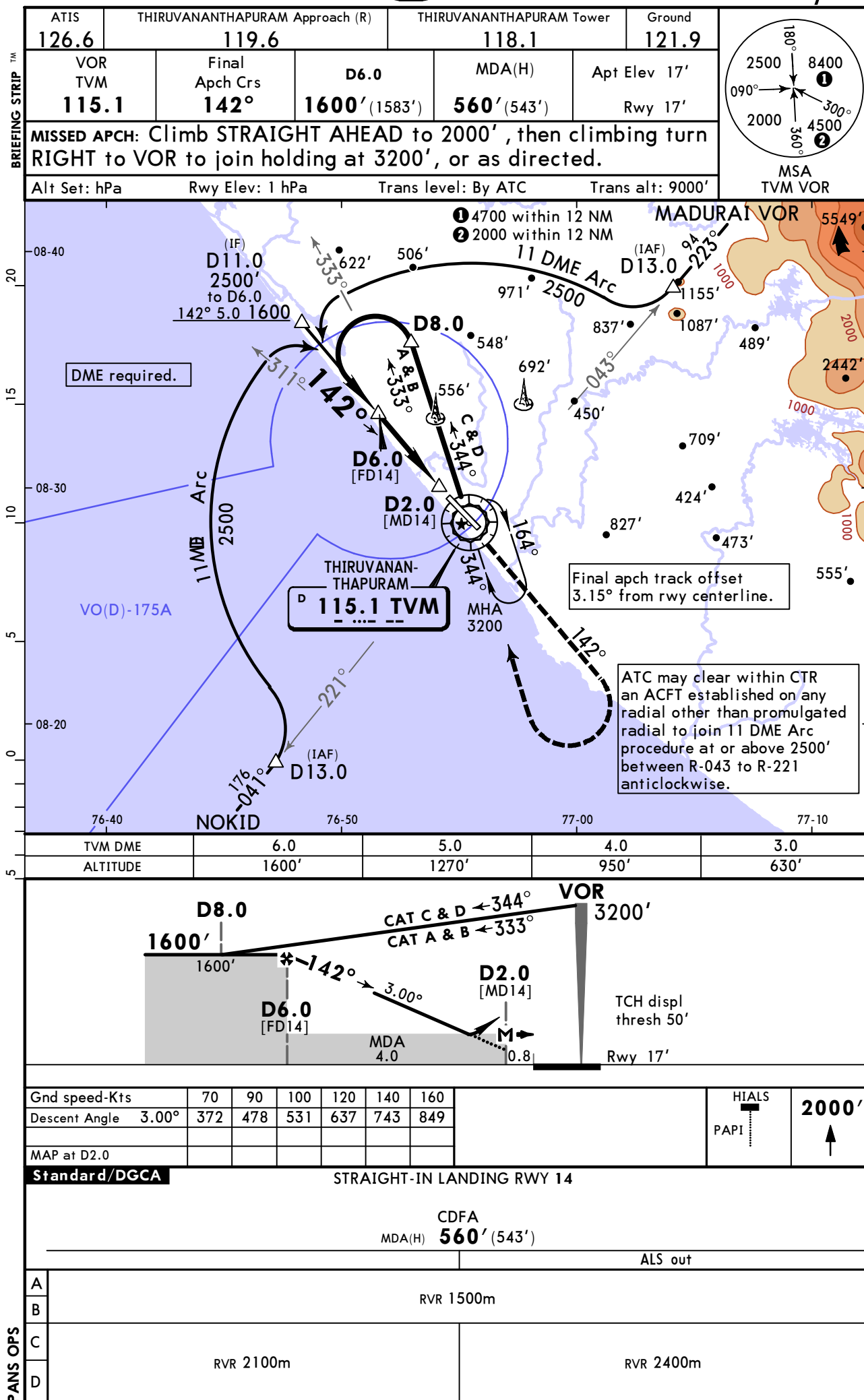
31 JUL 20

(13-1)

Eff 13 Aug

JEPPesen THIRUVANANTHAPURAM, INDIA

VOR Rwy 14



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Chart changes since cycle 21-2020

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
THIRUVANANTHAPURAM, (THIRUVANANTHAPURAM - VOTV)				

TERMINAL CHART CHANGE NOTICES

Chart Change Notices for Airport VOTV

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

ATIS changed to D-ATIS.