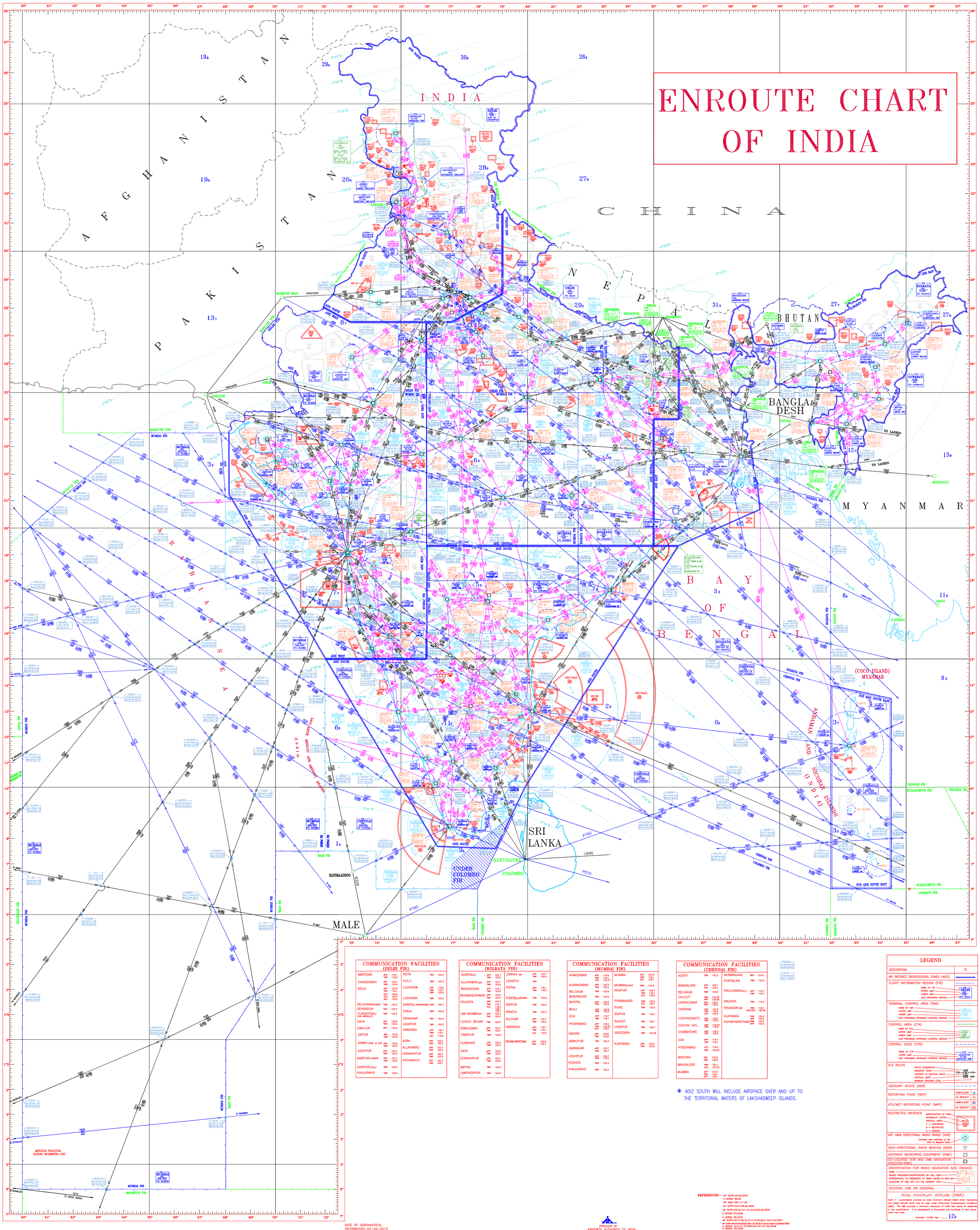
ENROUTE CHART OF INDIA



COMMUNICATION FACILITIES (DELHI FIR)

AMRITSAR	APP	119.7	KOTA	TWR	122.3
	TWR	118.3			
CHANDIGARH	APP	122.7	KULU	TWR	122.3
	TWR	123.5			
DELHI	APP	127.9	LUCKNOW	APP	118.6
	TWR	118.1		TWR	119.7
	ACC	120.9		TWR	122.5
	ACC	125.7			
	ACC	124.2	LUDHIANA	TWR	122.3
DELHI(SAFDARJUNG)	TWR	122.3	NANITAL (PANTNAGAR)	TWR	122.7
DEHRADUN	TWR	122.3	SIMLA	TWR	122.5
FURSATGANJ (RAI BAREILLY)	TWR	122.5	SRINAGAR	TWR	123.5
GAYA	APP	123.5	UDAIPUR	TWR	122.3
	TWR	123.5			
GWALIOR	APP	123.5	VARANASI	APP	118.1
				TWR	118.1
JAIPUR	APP	123.5		ACC	119.0
	TWR	123.5			
JAMMU (CIVIL & IAF)	APP	123.5	AGRA	APP	122.3
	TWR	123.5		TWR	122.3
JODHPUR	APP	122.7	ALLAHABAD	APP	122.7
	TWR	123.5		TWR	123.5
KANPUR (CIVIL)	APP	122.7	GORAKHPUR	APP	122.7
	TWR	123.5		TWR	123.5
KANPUR (CIVIL)	TWR	122.3	PATHANKOT	APP	122.7
				TWR	122.7
KHAJURAHO	TWR	122.3			

COMMUNICATION FACILITIES (KOLKATA FIR)

AGARTALA	APP	122.7	JORHAT (IAF)	APP	119.7
	TWR	123.5		TWR	123.5
ALLAHABAD (IAF)	APP	122.7	LENGPUI	TWR	
	TWR	123.5			
BAGHDOGRA	APP	119.7	PATNA	APP	118.1
	TWR	123.5		TWR	118.3
BHUBANESHWAR	APP	123.5	PORTBLAIR(INWV)	TWR	123.5
	TWR	123.5			
KOLKATA	APP	127.9	RAIPUR	TWR	122.3
	TWR	118.1			
	ACC	119.7			
		120.1	RANCHI	TWR	122.3
CAR NICOBAR (IAF)	APP	123.5			
	TWR	123.5	SILCHAR	APP	122.7
COOCH BEHAR	TWR	122.3		TWR	123.5
DIBRUGARH	APP	122.7	VARANASI	APP	118.1
	TWR	123.5		TWR	118.1
DIMAPUR	TWR	123.5		ACC	119.0
GUWAHATI	APP	120.5	VISHAKHAPATNAM	APP	123.5
	TWR	122.3		TWR	119.7
GAYA	APP	123.5			
	TWR	123.5			
GORAKHPUR	APP	122.7			
	TWR	123.5			
IMPHAL	TWR	123.5			
JAMSHEDPUR	TWR	123.5			

COMMUNICATION FACILITIES (MUMBAI FIR)

AHMEDABAD	APP	119.6	MUMBAI	APP	127.9
	TWR	118.1		TWR	118.1
	ACC	123.75		ACC	132.7
AURANGABAD	APP	122.3	MUMBAI(AIRHU)	TWR	123.5
	TWR	122.3			
BELGAUM	TWR	123.5	NAGPUR	APP	122.7
				TWR	118.1
BHAVNAGAR	TWR	123.5		ACC	123.9
BHOPAL	APP	123.5	PORBANDER	TWR	122.3
	TWR	123.5		ACC	132.7
BHUJ	APP	123.5	PUNE	TWR	123.5
	TWR	123.5			
GOA	APP	118.7	RAIPUR	TWR	122.3
	TWR	118.1			
HYDERABAD	APP	118.3	RAJKOT	TWR	122.1
	TWR	122.25			
	ACC	118.3	UDAIPUR	TWR	122.3
INDORE	APP	122.8	VADODARA	TWR	122.35
	TWR	122.8			
JABALPUR	TWR	122.3	VIJAYWADA	APP	123.5
				TWR	123.5
JAMNAGAR	APP	122.7			
	TWR	122.7			
JODHPUR	APP	122.7			
	TWR	122.7			
KESHOD	TWR	122.3			
KHAJURAHO	TWR	122.3			

COMMUNICATION FACILITIES (CHENNAI FIR)

AGATTI	TWR	122.1	MUMBAI(AIRHU)	TWR	123.5
			PORTBLAIR	TWR	123.5
BANGALORE	APP	122.7			
	TWR	123.5			
BELGAUM	TWR	123.5	TIRUCHIRAPALLI	APP	119.7
				TWR	118.3
CALICUT	TWR	123.35			
CARNICOBAR	APP	122.95			
	APP	123.5	TIRUPATI	TWR	119.0
	TWR	123.5			
CHENNAI	APP	127.9	TRIVANDRUM	TWR	118.1
	TWR	118.1		APP/ACC	125.95
	ACC	125.3			
COCHIN(NAVY)	APP	124.7	VIJAYWADA	TWR	123.5
	TWR	123.5		APP	123.5
COCHIN INTL.	APP	119.75	VISHAKHAPATNAM	TWR	119.7
	TWR	118.6		APP	123.5
COIMBATORE	APP	122.3			
	TWR	122.3			
GOA	APP	119.7			
	TWR	118.1			
HYDERABAD	ACC	118.3			
	TWR	122.25			
MADURAI	APP	122.8			
	TWR	122.8			
MANGALORE	TWR	122.1			
	ACC	127.55			
MUMBAI	APP	127.9			
	TWR	118.1			
	ACC	132.7			

RESMA 17°37'55.97"N 92°07'9.50"E

LAXIX 17°30'06.92"N 92°17'3.08"E

* ADIZ SOUTH WILL INCLUDE AIRSPACE OVER AND UP TO THE TERRITORIAL WATERS OF LAKSHADWEEP ISLANDS.

LEGEND

- AERODROME
- AIR DEFENCE IDENTIFICATION ZONES (ADIZ)
- FLIGHT INFORMATION REGION (FIR) — NAME OF FIR: DELHI; UPPER LIMIT: UNL; LOWER LIMIT: SFC; UNIT PROVIDING SERVICE: FIC DELHI
- TERMINAL CONTROL AREA (TMA) — NAME OF TMA: DELHI; UPPER LIMIT: FL150; LOWER LIMIT: FL100; UNIT PROVIDING APPROACH CONTROL SERVICE: DELHI ACC
- CONTROL AREA (CTA) — NAME OF CTA: CTA COCHIN; UPPER LIMIT: UNL; LOWER LIMIT: 2500M AMSL; UNIT PROVIDING APPROACH CONTROL SERVICE: COCHIN ACC
- CONTROL ZONE (CTR) — NAME OF CTR: CTR JODHPUR; UPPER LIMIT: 2500M; UNIT PROVIDING APPROACH CONTROL SERVICE: JODHPUR TWR
- ATS ROUTE — ROUTE DESIGNATOR: A466; MAGNETIC TRACK: 130°–320°; DISTANCE IN NAUTICAL MILES: 310; VERTICAL LIMITS: FL460 2400; MINIMUM CRUISING LEVEL
- ADVISORY ROUTE (ADR)
- REPORTING POINT (REP): COMPULSORY; ON REQUEST
- ATS/MET REPORTING POINT (MRP): COMPULSORY; ON REQUEST
- RESTRICTED AIRSPACE — IDENTIFICATION OF AREA: R213A; NATIONALITY LETTER; VERTICAL LIMITS: 2000/SFC; P = PROHIBITED; R = RESTRICTED; D = DANGER
- VHF OMNI DIRECTIONAL RADIO RANGE (VOR) — Compass rose orientated on the short to Magnetic North
- NON-DIRECTIONAL RADIO BEACON (NDB)
- DISTANCE MEASURING EQUIPMENT (DME)
- CO-LOCATED VOR AND DME NAVIGATION AIDS(VOR/DME)
- IDENTIFICATION FOR RADIO NAVIGATION AIDS (NAVAID) — NAME; NAVAID FREQUENCY,IDENTIFICATION OR CALL SIGN; GEOGRAPHICAL CO-ORDINATES OF RADIO NAVAID IN WGS-84; ELEVATION OF DME SITE (TO THE NEAREST 100')
- ISOGONIC LINE OR ISOGONAL

Area minimum altitude (AMA)

Each 1° quadrilateral contains an area minimum altitude (AMA) which represents the lowest altitude which may be used under instrument meteorological conditions (IMC). The AMA provides a minimum clearance of 1000 feet above all obstacles in the quadrilateral. It is represented in thousands and hundreds of feet above mean sea level.

Example: 12,500 feet 125

REFERENCES:– AIP SUPPL.NO.25/2005
G–SERIES 89/05
AIP INDIA ENR 3.1–50
AIP SUPPL.NO.27,28,29/2005
AIP SUPPL.NO4,6,10,11,21,24,25,26,32/2006
G–SERIES 87/2006
G–SERIES 35/2007
AIP SUPPL.NO.07,08,12,13,14,15,24,28,31,34,37,42/2007
AIP SUPPL.NO.03,04,05,06,07,08,11,27,28,38,41,42,43,44,50,51,61,68,69/2008
G–SERIES 40,41,51,75,78,84,85,104,107,110/2008
G–SERIES 40/2009
AIP SUPPL.NO. 04,05,06,22,24,28,31,34,41/2009
G–SERIES 10,11/2010
AIP SUPPL.NO. 03,07/2010

DATE OF AERONAUTICAL INFORMATION–24–02–2010 (UPDATED AS ON 01–04–2010)

PRODUCED BY AIRPORTS AUTHORITY OF INDIA (NATIONAL AIRPORTS DIVISION)

AAI(NAD)'S DRG. NO.7–ATC/ERC–5/2005