

ATC SURVEILLANCE MINIMUM ALTITUDE CHART - ICAO

AD ELEV 41
TRANSITION ALT 6000

BOLOGNA 118.150
APP/RADAR (133.775)

RIMINI/Miramare (LIPR)

BEARINGS ARE MAGNETIC
VAR 3°E (JAN 2020)

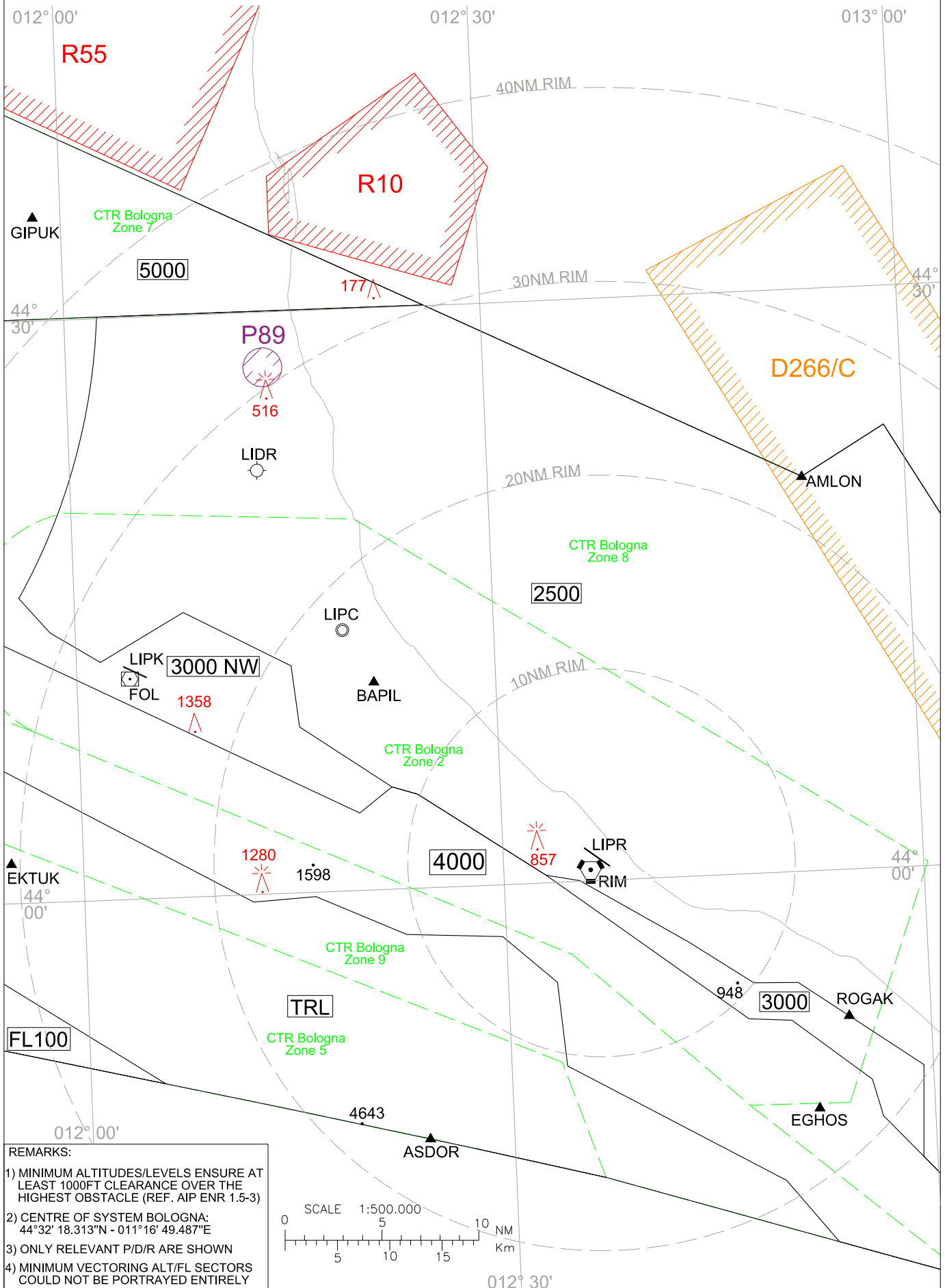
CHART ONLY TO BE USED FOR
CROSS-CHECKING OF ALT/FL
ASSIGNED BY BOLOGNA RADAR

ALTITUDES AND ELEVATIONS
ARE IN FEET

IN CASE OF COM FAILURE SET
TRANSPONDER CODE 7600

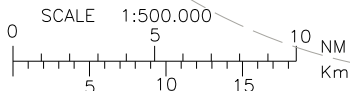
MINIMUM LEVELS/ALTITUDES ASSIGNED
BY ATC INCLUDE A CORRECTION FOR
LOW TEMPERATURE EFFECT

NEW CHART



REMARKS:

- 1) MINIMUM ALTITUDES/LEVELS ENSURE AT LEAST 1000FT CLEARANCE OVER THE HIGHEST OBSTACLE (REF. AIP ENR 1.5-3)
- 2) CENTRE OF SYSTEM BOLOGNA: 44°32' 18.313"N - 011°16' 49.487"E
- 3) ONLY RELEVANT P/D/R ARE SHOWN
- 4) MINIMUM VECTORING ALT/FL SECTORS COULD NOT BE PORTRAYED ENTIRELY



ATC SURVEILLANCE MINIMUM ALTITUDE CHART

| Minimum Altitudes/Levels | Lateral Limits |
|--------------------------|--|
| 1 | 2 |
| FL100 | Line joining following points: 44°00'24" N 011°32'03" E 44°00'50" N 011°41'08" E 43°57'57" N 011°49'41" E 43°52'24" N 012°01'14" E 43°50'26" N 012°05'18" E 43°53'26" N 011°48'08" E 44°00'08" N 011°32'21" E 44°00'24" N 011°32'03" E |
| TRL | Line joining following points: 43°40'51" N 012°52'44" E 43°44'08" N 012°49'10" E 43°50'32" N 012°33'57" E 43°54'51" N 012°33'29" E 43°57'20" N 012°29'43" E 43°57'39" N 012°22'53" E 43°59'47" N 012°16'31" E 43°59'38" N 012°12'03" E 44°09'10" N 011°48'48" E then arc of circle in clockwise direction radius 32 NM centred on: 44°32'09" N 011°17'44" E till point 44°01'32" N 011°30'46" E line joining following points: 44°00'24" N 011°32'03" E 44°00'50" N 011°41'08" E 43°57'57" N 011°49'41" E 43°52'24" N 012°01'14" E 43°50'26" N 012°05'18" E 43°46'29" N 012°27'06" E 43°44'42" N 012°36'21" E 43°40'51" N 012°52'44" E |
| 5000 FT | Line joining following points: 44°30'02" N 012°25'55" E 44°43'53" N 011°47'03" E 44°30'03" N 011°41'43" E 44°30'02" N 012°25'55" E |
| 4000 FT | Line joining following points: 44°05'17" N 012°22'16" E 44°04'51" N 012°24'04" E 44°00'24" N 012°33'00" E 43°52'33" N 012°47'01" E 43°52'22" N 012°50'04" E 43°49'08" N 012°55'36" E 43°47'14" N 012°56'16" E 43°42'01" N 013°02'44" E 43°42'47" N 013°05'55" E 43°38'43" N 013°01'43" E 43°40'51" N 012°52'44" E 43°44'08" N 012°49'10" E 43°50'33" N 012°33'57" E 43°54'51" N 012°33'29" E 43°57'20" N 012°29'43" E 43°57'39" N 012°22'53" E 43°59'47" N 012°16'31" E 43°59'38" N 012°12'03" E 44°09'10" N 011°48'48" E 44°14'20" N 011°39'15" E 44°21'06" N 011°41'08" E 44°15'52" N 011°47'53" E 44°04'01" N 012°19'53" E 44°05'17" N 012°22'16" E |

| Minimum Altitudes/Levels | Lateral Limits |
|--|--|
| 1 | 2 |
| <p style="text-align: center;">3000 FT NORTH-WEST</p> | <p>Line joining following points: 44°39'05" N 011°30'49" E 44°36'25" N 011°44'10" E 44°30'03" N 011°41'43" E 44°30'05" N 012°02'21" E then arc of circle in clockwise direction radius 32 NM centred on: 44°32'09" N 011°17'44" E till point 44°15'43" N 011°56'03" E line joining following points: 44°13'53" N 011°58'12" E 44°12'17" N 012°01'44" E 44°14'42" N 012°07'48" E 44°11'44" N 012°15'23" E 44°08'34" N 012°15'49" E 44°05'17" N 012°22'16" E 44°04'01" N 012°19'53" E 44°15'52" N 011°47'53" E 44°21'06" N 011°41'08" E 44°22'33" N 011°38'46" E 44°26'11" N 011°29'12" E 44°28'54" N 011°29'50" E then arc of circle in anti-clockwise direction radius 7 NM centred on: 44°34'19" N 011°23'39" E till point 44°39'05" N 011°30'49" E</p> |
| <p style="text-align: center;">3000 FT</p> | <p>Line joining following points: 44°00'24" N 012°33'00" E 44°00'03" N 012°35'24" E 43°56'39" N 012°42'57" E 43°54'23" N 012°47'29" E 43°54'18" N 012°50'39" E 43°49'46" N 012°59'19" E 43°45'02" N 012°59'00" E 43°47'14" N 012°56'16" E 43°49'08" N 012°55'36" E 43°52'22" N 012°50'04" E 43°52'33" N 012°47'01" E 44°00'24" N 012°33'00" E</p> |
| <p style="text-align: center;">2500 FT</p> | <p>Line joining following points: 43°58'53" N 013°17'39" E 44°22'50" N 012°58'37" E 44°20'21" N 012°52'35" E 44°30'02" N 012°25'55" E 44°30'05" N 012°02'21" E then arc of circle in clockwise direction radius 32 NM centred on: 44°32'09" N 011°17'44" E till point 44°15'43" N 011 56'03" E line joining following points: 44°13'53" N 011°58'12" E 44°12'17" N 012°01'44" E 44°14'42" N 012°07'48" E 44°11'43" N 012°15'23" E 44°08'34" N 012°15'49" E 44°05'17" N 012°22'16" E 44°04'51" N 012°24'04" E 44°00'24" N 012°33'00" E 44°00'03" N 012°35'24" E 43°56'39" N 012°42'57" E 43°54'23" N 012°47'29" E 43°54'18" N 012°50'39" E 43°49'46" N 012°59'19" E 43°45'02" N 012°59'00" E 43°42'01" N 013°02'44" E 43°42'47" N 013°05'55" E 43°47'22" N 013°10'42" E 43°55'56" N 013°03'48" E 43°58'53" N 013°17'39" E</p> |