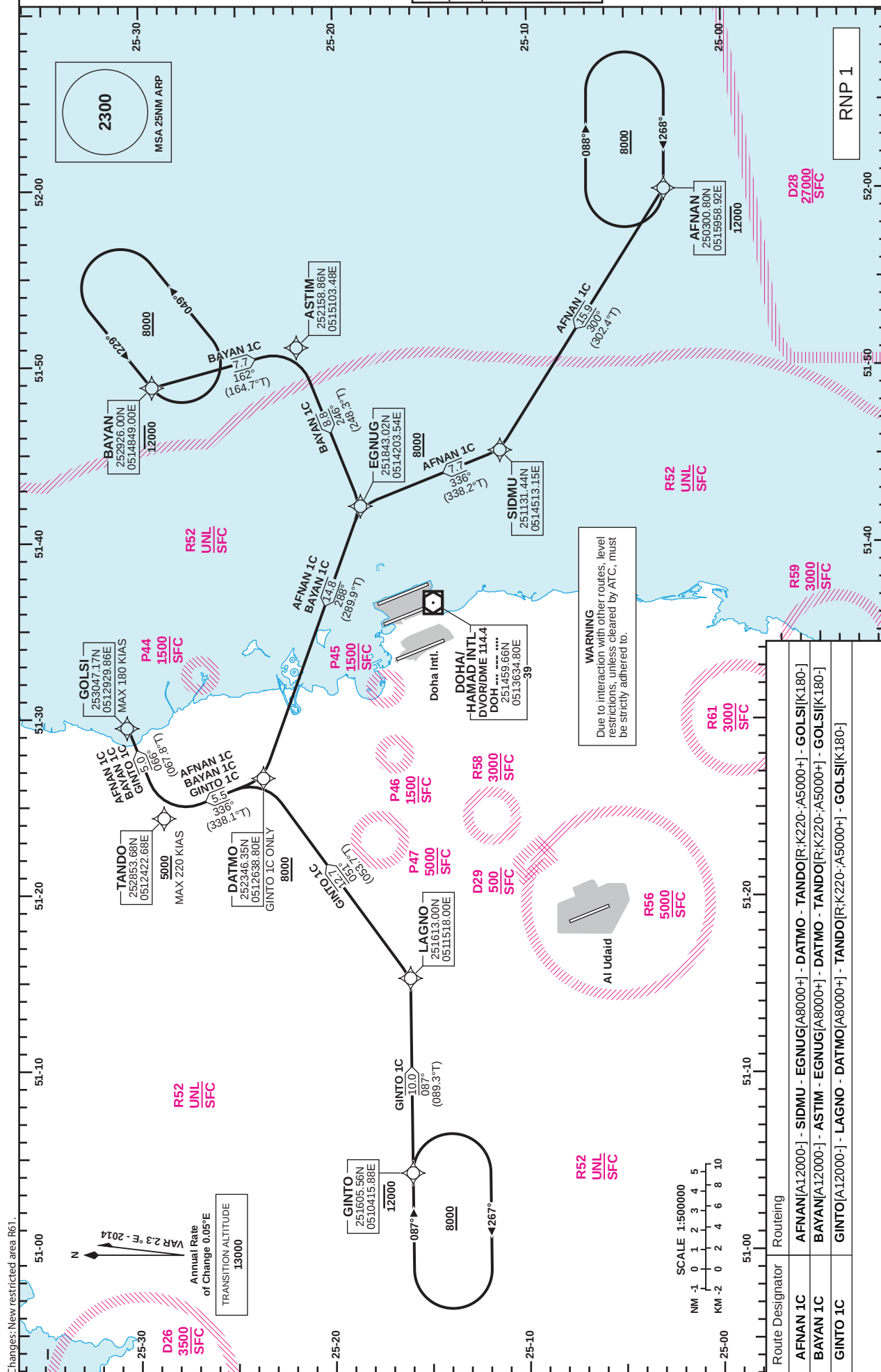


STANDARD ARRIVAL  
CHART - INSTRUMENT  
(STAR) - ICAODIST IN NM  
BEARINGS ARE MAGNETIC  
ALTITUDES AND ELEV IN FEET

|            |                   |
|------------|-------------------|
| DOHA RADAR | 121.10            |
| DOHA APP   | 119.725 / 120.60  |
| DIRECTOR   | 119.40 / 121.125  |
| TWR (EAST) | 118.525 / 118.225 |
| TWR (WEST) | 118.025 / 118.225 |

DOHA/Hamad Intl. (OTHH)  
RNP RWY 16R  
AFNAN 1C /BAYAN 1C /GINTO 1C

STANDARD ARRIVAL  
CHART - INSTRUMENT  
(STAR) - ICAO

DOHA/Hamad Intl.(OTHH)  
RNP RWY 16R  
AFNAN 1C /BAYAN 1C /GINTO 1C

TABULAR DESCRIPTION

| RNP STAR AFNAN 1C |                 |                     |          |               |                       |               |                |               |            |                |                          |
|-------------------|-----------------|---------------------|----------|---------------|-----------------------|---------------|----------------|---------------|------------|----------------|--------------------------|
| Serial Num        | Path Descriptor | Waypoint Identifier | Fly-over | Course °M(°T) | Magnetic Variation(°) | Distance (NM) | Turn Direction | Altitude (ft) | Speed (kt) | VPA(°)/TCH(ft) | Navigation Specification |
| 1                 | IF              | AFNAN               | -        |               | 2.3                   |               |                | -12000        |            |                | RNP 1                    |
| 2                 | TF              | SIDMU               | -        | 300 (302.4)   | 2.3                   | 15.9          |                | -             |            |                | RNP 1                    |
| 3                 | TF              | EGNUG               | -        | 336 (338.2)   | 2.3                   | 7.7           |                | +8000         |            |                | RNP 1                    |
| 4                 | TF              | DATMO               | -        | 288 (289.9)   | 2.3                   | 14.8          |                | -             |            |                | RNP 1                    |
| 5                 | TF              | TANDO               | -        | 336 (338.1)   | 2.3                   | 5.5           | R              | +5000         | -220       |                | RNP 1                    |
| 6                 | TF              | GOLSI               |          | 066 (067.8)   | 2.3                   | 5.0           |                | -             | -180       |                | RNP 1                    |

| RNP STAR BAYAN 1C |                 |                     |          |               |                       |               |                |               |            |                |                          |
|-------------------|-----------------|---------------------|----------|---------------|-----------------------|---------------|----------------|---------------|------------|----------------|--------------------------|
| Serial Num        | Path Descriptor | Waypoint Identifier | Fly-over | Course °M(°T) | Magnetic Variation(°) | Distance (NM) | Turn Direction | Altitude (ft) | Speed (kt) | VPA(°)/TCH(ft) | Navigation Specification |
| 1                 | IF              | BAYAN               | -        |               | 2.3                   |               |                | -12000        |            |                | RNP 1                    |
| 2                 | TF              | ASTIM               | -        | 162 (164.7)   | 2.3                   | 7.7           |                | -             |            |                | RNP 1                    |
| 3                 | TF              | EGNUG               | -        | 246 (248.3)   | 2.3                   | 8.8           |                | +8000         |            |                | RNP 1                    |
| 4                 | TF              | DATMO               | -        | 288 (289.9)   | 2.3                   | 14.8          |                | -             |            |                | RNP 1                    |
| 5                 | TF              | TANDO               | -        | 336 (338.1)   | 2.3                   | 5.5           | R              | +5000         | -220       |                | RNP 1                    |
| 6                 | TF              | GOLSI               |          | 066 (067.8)   | 2.3                   | 5.0           |                | -             | -180       |                | RNP 1                    |

| RNP STAR GINTO 1C |                 |                     |          |               |                       |               |                |               |            |                |                          |
|-------------------|-----------------|---------------------|----------|---------------|-----------------------|---------------|----------------|---------------|------------|----------------|--------------------------|
| Serial Num        | Path Descriptor | Waypoint Identifier | Fly-over | Course °M(°T) | Magnetic Variation(°) | Distance (NM) | Turn Direction | Altitude (ft) | Speed (kt) | VPA(°)/TCH(ft) | Navigation Specification |
| 1                 | IF              | GINTO               | -        |               | 2.3                   |               |                | -12000        |            |                | RNP 1                    |
| 2                 | TF              | LAGNO               | -        | 087 (089.3)   | 2.3                   | 10.0          |                | -             |            |                | RNP 1                    |
| 3                 | TF              | DATMO               | -        | 051 (053.7)   | 2.3                   | 12.7          |                | +8000         |            |                | RNP 1                    |
| 4                 | TF              | TANDO               | -        | 336 (338.1)   | 2.3                   | 5.5           | R              | +5000         | -220       |                | RNP 1                    |
| 5                 | TF              | GOLSI               | -        | 066 (067.8)   | 2.3                   | 5.0           |                | -             | -180       |                | RNP 1                    |

WAYPOINT LIST

| RNP STAR AFNAN 1C /BAYAN 1C /GINTO 1C |                        |
|---------------------------------------|------------------------|
|                                       |                        |
| Waypoint Identifier                   | Coordinates            |
| AFNAN                                 | 250300.80N 0515958.92E |
| SIDMU                                 | 251131.44N 0514513.15E |
| BAYAN                                 | 252926.00N 0514849.00E |
| ASTIM                                 | 252158.86N 0515103.48E |
| EGNUG                                 | 251843.02N 0514203.54E |
| GINTO                                 | 251605.56N 0510415.88E |
| LAGNO                                 | 251613.00N 0511518.00E |
| DATMO                                 | 252346.35N 0512638.80E |
| TANDO                                 | 252853.68N 0512422.68E |
| GOLSI                                 | 253047.17N 0512929.86E |