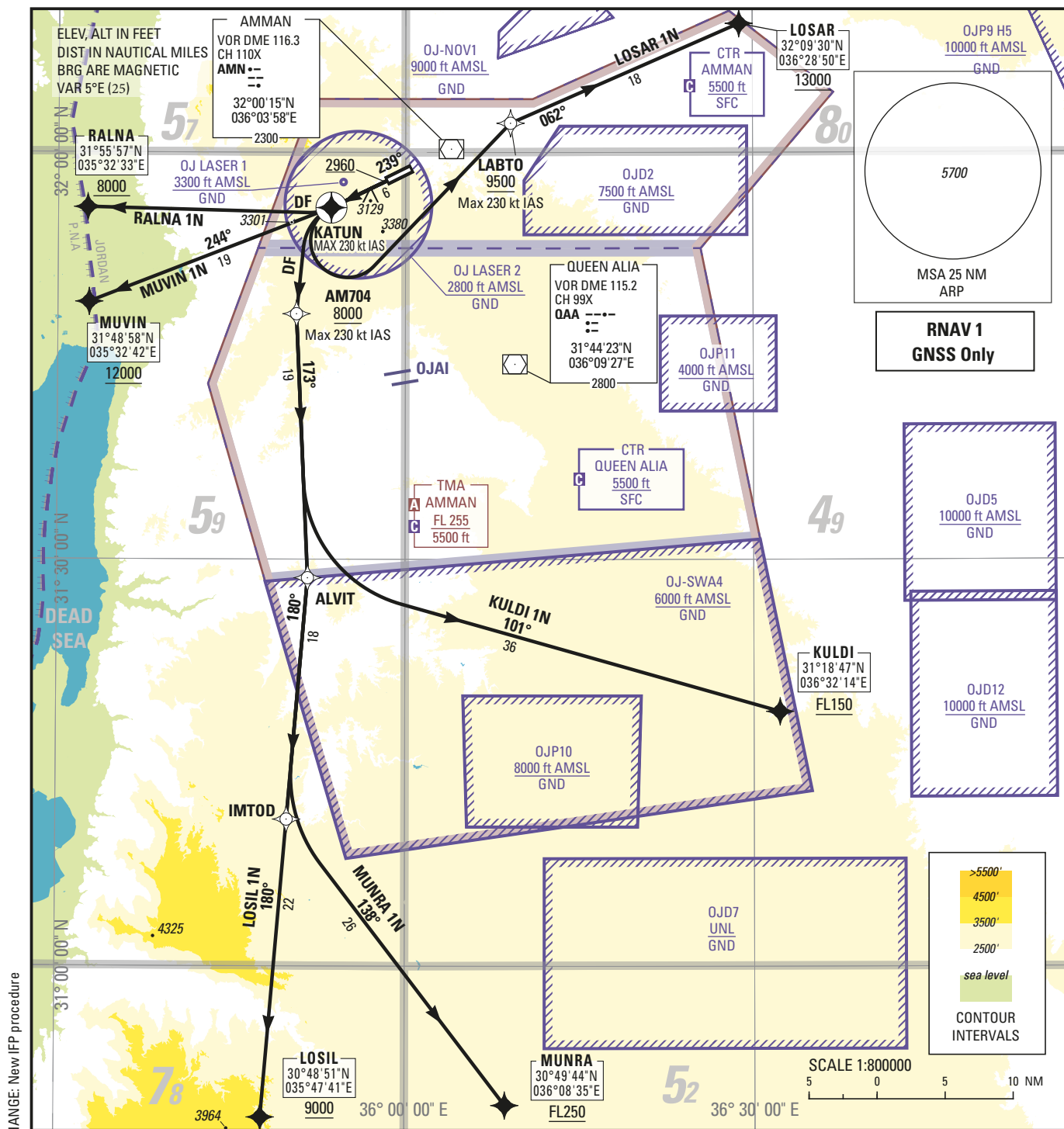


STANDARD DEPARTURE CHART —  
INSTRUMENT (SID) — ICAOTRANSITION LEVEL  
FL 150TRANSITION ALTITUDE  
13000 ftTWR 118.1  
APP 128.9AMMAN/Marka Intl. (OJAM)  
RNAV RWY 24KULDI 1N LOSAR 1N LOSIL 1N  
MUNRA 1N MUVIN 1N RALNA 1N

CHANGE: New IFP procedure

- KULDI 1N**  
Climb (1) to **KATUN** on course **239°M**, then turn **left** direct to **AM704** (Max 230 kt IAS) at or above **8000** (2), then to **ALVIT**, then to **KULDI** at or above **FL150**.  
(1) PDG: 6.9% up to **3200**, then 3.3% (2) **ATS climb gradient 7.0%** up to **8000**. Advise ATC if unable to ensure the ATS climb gradient.
- LOSAR 1N**  
Climb (1) to **KATUN** on course **239°M**, then turn **left** direct to **LABTO** (Max 230 kt IAS) at or above **9500**, then to **LOSAR** at or above **13000** (2).  
(1) PDG: 6.9% up to **3200**, then 3.3% (2) **ATS climb gradient 7.0%** up to **8000**. Advise ATC if unable to ensure the ATS climb gradient.
- LOSIL 1N**  
Climb (1) to **KATUN** on course **239°M**, then turn **left** direct to **AM704** (Max 230 kt IAS) at or above **8000** (2), then to **ALVIT**, then to **IMTOD**, then to **LOSIL** at or above **9000**.  
(1) PDG: 6.9% up to **3200**, then 3.3% (2) **ATS climb gradient 7.0%** up to **8000**. Advise ATC if unable to ensure the ATS climb gradient.
- MUNRA 1N**  
Climb (1) to **KATUN** on course **239°M**, then turn **left** direct to **AM704** (Max 230 kt IAS) at or above **8000**, then to **ALVIT**, then to **IMTOD**, then to **MUNRA** at or above **FL250** (2).  
(1) PDG: 6.9% up to **3200**, then 3.3% (2) **ATS climb gradient 7.0%** up to **FL150**. Advise ATC if unable to ensure the ATS climb gradient.
- MUVIN 1N**  
Climb (1) to **KATUN** on course **239°M** (Max 230 kt IAS), then to **MUVIN** at or above **12000** (2). (1) PDG: 6.9% up to **3200**, then 3.3%  
(2) **ATS climb gradient 7.0%** up to **12000**. Advise ATC if unable to ensure the ATS climb gradient.
- RALNA 1N**  
Climb (1) to **KATUN** on course **239°M** (Max 230 kt IAS), then turn **right** direct to **RALNA** at or above **8000** (2).  
(1) PDG: 6.9% up to **3200**, then 3.3% (2) **ATS climb gradient 7.0%** up to **5000**. Advise ATC if unable to ensure the ATS climb gradient.



## Route Description: RNAV SID RWY24

| SID RALNA 1N  |                 |                     |            |                |                    |               |                |                  |              |                |                          |
|---------------|-----------------|---------------------|------------|----------------|--------------------|---------------|----------------|------------------|--------------|----------------|--------------------------|
| Serial Number | Path Descriptor | Waypoint Identifier | Fly - Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn direction | Altitude (ft/FL) | MAX IAS (kt) | VPA/TCH (°/ft) | Navigation Accuracy (NM) |
| 10            | CA              | -                   | -          | 239 (244.2)    | +5.0               | -             | -              | +2960            | -            | -              | RNAV 1                   |
| 20            | CF              | KATUN               | Y          | 239 (244.2)    | +5.0               | 6.5           | -              | -                | -230         | -              | RNAV 1                   |
| 30            | DF              | RALNA               | -          | -              | -                  | -             | -              | +8000            |              | -              | RNAV 1                   |
| SID MUVIN 1N  |                 |                     |            |                |                    |               |                |                  |              |                |                          |
| Serial Number | Path Descriptor | Waypoint Identifier | Fly - Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn direction | Altitude (ft/FL) | MAX IAS (kt) | VPA/TCH (°/ft) | Navigation Accuracy (NM) |
| 10            | CA              | -                   | -          | 239 (244.2)    | +5.0               | -             | -              | +2960            | -            | -              | RNAV 1                   |
| 20            | CF              | KATUN               | Y          | 239 (244.2)    | +5.0               | 6.5           | -              | -                | -230         | -              | RNAV 1                   |
| 30            | TF              | MUVIN               | -          | 244 (248.8)    | +5.0               | 19.1          | -              | +12000           |              | -              | RNAV 1                   |
| SID LOSAR 1N  |                 |                     |            |                |                    |               |                |                  |              |                |                          |
| Serial Number | Path Descriptor | Waypoint Identifier | Fly - Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn direction | Altitude (ft/FL) | MAX IAS (kt) | VPA/TCH (°/ft) | Navigation Accuracy (NM) |
| 10            | CA              | -                   | -          | 239 (244.2)    | +5.0               | -             | -              | +2960            | -            | --             | RNAV 1                   |
| 20            | CF              | KATUN               | Y          | 239 (244.2)    | +5.0               | 6.5           | -              | -                | -            | -              | RNAV 1                   |
| 30            | DF              | LABTO               | -          | -              | -                  | -             | -              | +9500            | -230         | -              | RNAV 1                   |
| 40            | TF              | LOSAR               | -          | 062 (066.3)    | +5.0               | 18.3          | -              | +13000           |              | -              | RNAV 1                   |
| SID KULDI 1N  |                 |                     |            |                |                    |               |                |                  |              |                |                          |
| Serial Number | Path Descriptor | Waypoint Identifier | Fly - Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn direction | Altitude (ft/FL) | MAX IAS (kt) | VPA/TCH (°/ft) | Navigation Accuracy (NM) |
| 10            | CA              | -                   | -          | 239 (244.2)    | +5.0               | -             | -              | +2960            | -            | -              | RNAV 1                   |
| 20            | CF              | KATUN               | Y          | 239 (244.2)    | +5.0               | 6.5           | -              | -                | -            | -              | RNAV 1                   |
| 30            | DF              | AM704               | -          | -              | -                  | -             | -              | +8000            | -230         | -              | RNAV 1                   |
| 40            | TF              | ALVIT               | -          | 173 (177.5)    | +5.0               | 19.4          | -              | -                | -            | -              |                          |
| 50            | TF              | KULDI               | -          | 101 (105.6)    | +5.0               | 36.1          | -              | +FL150           | -            | -              | RNAV 1                   |

| SID MUNRA 1N  |                 |                     |            |                |                    |               |                |                  |              |                |                          |
|---------------|-----------------|---------------------|------------|----------------|--------------------|---------------|----------------|------------------|--------------|----------------|--------------------------|
| Serial Number | Path Descriptor | Waypoint Identifier | Fly - Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn direction | Altitude (ft/FL) | MAX IAS (kt) | VPA/TCH (°/ft) | Navigation Accuracy (NM) |
| 10            | CA              | -                   | -          | 239 (244.2)    | +5.0               | -             | -              | +2960            | -            | -              | RNAV 1                   |
| 20            | CF              | KATUN               | Y          | 239 (244.2)    | +5.0               | 6.5           | -              | -                | -            | -              | RNAV 1                   |
| 30            | DF              | AM704               | -          | -              | -                  | -             | -              | +8000            | -230         | -              | RNAV 1                   |
| 40            | TF              | ALVIT               | -          | 173 (177.5)    | +5.0               | 19.4          | -              | -                | -            | -              | RNAV 1                   |
| 50            | TF              | IMTOD               | -          | 180 (184.9)    | +5.0               | 17.8          | -              | -                | -            | -              | RNAV 1                   |
| 60            | TF              | MUNRA               | -          | 138 (142.5)    | +5.0               | 26.5          | -              | +FL250           | -            | -              | RNAV 1                   |
| SID LOSIL 1N  |                 |                     |            |                |                    |               |                |                  |              |                |                          |
| Serial Number | Path Descriptor | Waypoint Identifier | Fly - Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn direction | Altitude (ft/FL) | MAX IAS (kt) | VPA/TCH (°/ft) | Navigation Accuracy (NM) |
| 10            | CA              | -                   | -          | 239 (244.2)    | +5.0               | -             | -              | +2960            | -            | -              | RNAV 1                   |
| 20            | CF              | KATUN               | Y          | 239 (244.2)    | +5.0               | 6.5           | -              | -                | -            | -              | RNAV 1                   |
| 30            | DF              | AM704               | -          | -              | -                  | -             | -              | +8000            | -230         | -              | RNAV 1                   |
| 40            | TF              | ALVIT               | -          | 173 (177.5)    | +5.0               | 19.4          | -              | -                | -            | -              | RNAV 1                   |
| 50            | TF              | IMTOD               | -          | 180 (184.9)    | +5.0               | 17.8          | -              | -                | -            | -              | RNAV 1                   |
| 60            | TF              | LOSIL               | -          | 180 (184.8)    | +5.0               | 22.0          | -              | +9000            | -            | -              | RNAV 1                   |

Aeronautical Data Tabulation: RNAV SID RWY24

| WAYPOINT LIST  |                |                 |                |                |                 |
|----------------|----------------|-----------------|----------------|----------------|-----------------|
| Waypoint / Fix | Latitude       | Longitude       | Waypoint / Fix | Latitude       | Longitude       |
| KATUN          | 31°55'55.224"N | 035°53'35.311"E | IMTOD          | 31°10'49.478"N | 035°49'50.839"E |
| AM704          | 31°48'05.462"N | 035°50'35.843"E | LOSIL          | 30°48'51.200"N | 035°47'41.310"E |
| ALVIT          | 31°28'37.643"N | 035°51'36.534"E | MUNRA          | 30°49'44.290"N | 036°08'34.880"E |
| KULDI          | 31°18'47.070"N | 036°32'14.160"E | MUVIN          | 31°48'58.000"N | 035°32'42.000"E |
| LABTO          | 32°02'09.249"N | 036°09'03.959"E | RALNA          | 31°55'57.000"N | 035°32'33.000"E |
| LOSAR          | 32°09'30.060"N | 036°28'49.770"E |                |                |                 |