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Revision Letter For Cycle 07-2023

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## General Information

Location: ABU DHABI ARE  
ICAO/IATA: OMAA / AUH  
Lat/Long: N24° 25.98', E054° 39.07'  
Elevation: 83 ft

Airport Use: Public  
Daylight Savings: Not Observed  
UTC Conversion: -4:00 = UTC  
Magnetic Variation: 2.0° E

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

Sunrise: 0200 Z  
Sunset: 1443 Z

## Runway Information

Runway: 13L  
Length x Width: 13451 ft x 197 ft  
Surface Type: asphalt  
TDZ-Elev: 62 ft  
Lighting: Edge, ALS, Centerline, REIL, TDZ

Runway: 13R  
Length x Width: 13471 ft x 197 ft  
Surface Type: asphalt  
TDZ-Elev: 78 ft  
Lighting: Edge, ALS, Centerline, REIL

Runway: 31L  
Length x Width: 13471 ft x 197 ft  
Surface Type: asphalt  
TDZ-Elev: 83 ft  
Lighting: Edge, ALS, Centerline, REIL, TDZ

Runway: 31R  
Length x Width: 13451 ft x 197 ft  
Surface Type: asphalt  
TDZ-Elev: 72 ft  
Lighting: Edge, ALS, Centerline, REIL, TDZ

## Communication Information

ATIS: 119.975 Arrival Service  
ATIS: 119.675 Departure Service  
Abu Dhabi Tower: 120.425 Secondary  
Abu Dhabi Tower: 119.200  
Abu Dhabi Tower: 118.675  
Abu Dhabi Ground: 119.425 Secondary  
Abu Dhabi Ground: 121.950  
Abu Dhabi Ground: 123.975  
Abu Dhabi Clearance Delivery: 125.100  
Abu Dhabi Radar: 124.400  
Abu Dhabi Direct (Approach Control Radar): 118.000  
Abu Dhabi Direct (Approach Control Radar): 118.425  
Abu Dhabi Direct (Approach Control Radar): 121.150 Secondary  
Fire Commander Emergency: 121.600  
Abu Dhabi Radar: 135.350 Secondary  
Abu Dhabi Radar: 135.150  
Abu Dhabi Radar: 133.550  
Abu Dhabi Radar: 132.675  
Abu Dhabi Radar: 128.100  
Abu Dhabi Radar: 124.625 Secondary  
Abu Dhabi Information: 127.500  
Abu Dhabi Information: 124.625 Secondary

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## 1. GENERAL

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### 1.1. ATIS

D-ATIS Arrival 119.975

D-ATIS Departure 119.675

### 1.2. LOW VISIBILITY PROCEDURES (LVP)

#### 1.2.1. GENERAL

LVP shall be in force when RVR or visibility indicates less than 550m or when ceiling less than 200'.

RWY 13L/31R and RWY 31L are suitable for CAT IIIB operations by approved operators.

Pilots shall follow ATC clearances in combination with selected high intensity TWY centerline lights.

Pilots shall not continue taxiing when the high intensity centerline lights are not illuminated or a red stop bar is illuminated.

During LVP operations pilots are required to use full length departure from the CAT III RWY and associated holding position and take-off from:

- TWY E15 and D11 for RWY 31L;
- TWY A17 for RWY 31R;
- TWY A2 for RWY 13L.

For arriving ACFT, available RWY exits will be illuminated.

Pilots should vacate via the first convenient illuminated exit or as instructed by ATC.

The preferable RWY exits are:

- TWY E8 or D6 for RWY 31L;
- TWY A10 for RWY 31R;
- TWY A13 for RWY 13L.

Follow-me vehicle will be used in contingency operations and when the follow the greens guidance is not functioning, as follows:

#### For Arrivals

- ATC shall instruct pilots to hold on a TWY after vacating the RWY.
- ATC shall instruct a Follow-me vehicle to position in front of the ACFT.
- Pilots shall confirm they are visual with the Follow-me vehicle.
- ATC shall issue Follow-me vehicle taxi instructions to the allocated stand.
- Pilots shall report parked once on stand.

#### For Departures

- Pilots shall request push-back as normal.
- Once push-back is completed, ATC shall instruct the Follow-me vehicle to position in front of the ACFT.
- ATC shall issue Follow-me vehicle taxi instructions to the RWY hold.
- ATC shall instruct the Follow-me vehicle to lead the ACFT to the RWY centerline, before detaching from the ACFT.
- The Follow-me vehicle shall report vacated from the RWY, before ATC issue any further instructions to the ACFT.

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## 1. GENERAL

### 1.2.2. TAXIING GUIDANCE SYSTEM

Abu Dhabi APT is provided with A-SMGCS Level 4. Taxiing guidance is provided by means of Follow the Greens with Floating Spacing between ACFT. Follow the Greens is not used during daytime and normal visibility conditions and Floating Spacing will only be applied during low visibility conditions.

- The taxiing guidance system consists of selectable segments of green TWY centerline lights, stop bars, marking and signage.
- ATC will control the A-SMGCS Level 4 and issue Follow the Greens instructions to pilots. Pilots will follow ATC instructions to follow the greens as indicated ahead of them. Extinguished green centerline lights or a lit stop bar shall indicate that an ACFT is to hold and await either green lights for continued taxi or onward clearance from ATC.
- All taxiing guidance lights on TWYs leading to the RWYs terminate with a RWY stop bar. By default, red stop bar lights remain ON unless deselected by the Tower controller.
- When following the directional guidance provided by the green TWY centerline lights and red stop bar lights, pilots are advised to also navigate their taxi route with reference to information and mandatory signs/markings provided at the APT so as to maintain positional awareness of their location at all times.
- In CAT I - Pilots are to ensure longitudinal separation with preceding ACFT is maintained.
- In CAT II - The system will ensure that the ACFT are spaced by 100m.
- In CAT III - The system will ensure that the ACFT are spaced by 200m.

Taxi instructions using the green TWY centerline lights:

- ATC will use the phraseology "FOLLOW THE GREENS ..." when issuing a clearance to pilots to taxi along the directional guidance provided by the green TWY centerline lights. The controller may use the expression "FOLLOW THE GREENS" in a taxi clearance instead of detailing the route to be followed.
- When instructed to follow the greens by ATC, flight crew are reminded of the extreme importance of maintaining a careful lookout and are at all times responsible for wing tip clearance. The use of the Follow the Greens concept, in conditions other than when ATC is required to provide separation, does not necessarily provide separation where an ACFT following the clearance passes behind an ACFT holding on an adjoining TWY or RWY entry.
- When instructed to follow the greens by ATC, the pilot must not taxi if there are no green lights ahead or a red stop bar is illuminated.
- For arriving ACFT, available RWY exits will be illuminated. Pilots should vacate via the first convenient illuminated exit or as instructed by ATC.
- Should Follow the Greens not be available, ATC will broadcast it on the ATIS and will issue standard taxi clearances. The Airfield Ground Lighting will be selected with all greens ON according to MET conditions and time of the day.

### 1.3. SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM

#### 1.3.1. USE OF MODE S TRANSPONDER

ACFT operators with serviceable Mode S transponder equipped ACFT, should ensure that Mode S transponders are able to operate when ACFT is on the ground.

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## 1. GENERAL

### Departing ACFT:

At the gate/stand: Select STANDBY function.

From either push-back or taxi request, whichever the earlier:

- Enter, through the FMS or transponder control panel, the flight identification as specified in item 7 of ICAO FPL or, in the absence of flight identification, enter the ACFT registration.
- Select XPNDR or its equivalent depending on the specifications of the installed model.
- Select AUTO Mode, if the function is available.
- Do not select the OFF or STANDBY functions.
- Set the Mode A code assigned by ATC.

When lining-up on the RWY: Select TA/RA.

### Arriving ACFT:

After landing until at the gate/stand:

- Select XPNDR or its equivalent depending on the specifications of the installed mode.
- Select AUTO Mode, if the function is available.
- Do not select the OFF or STANDBY functions.
- Maintain the Mode A code assigned by ATC.

At the gate/stand: Select the STANDBY function.

### ACFT on the movement area:

- Select XPNDR or its equivalent depending on the specifications of the installed model.
- Select AUTO Mode, if the function is available.
- Do not select the OFF or STANDBY functions.
- Set Mode A code to 1000.

## 1.4. RWY OPERATIONS

### 1.4.1. USE OF PARALLEL RWYs

The Abu Dhabi International APT RWYs are 6562' /2000m apart and comply with ICAO requirements for Simultaneous Operations of Instrument RWYs (SOIR).

- Segregated RWY Operations, i.e. one RWY exclusively for arrivals and one exclusively for departures, are normally in use during busy arrival and departure times.
- Dependent Parallel Instrument Approaches shall be used during peak arrival times and at other times as required by ATC with minimum 3NM separation.
- During periods of reduced traffic demand, single RWY, mixed-mode operations are used.
- During inbound peak-hours ACFT can expect to be vectored to either of the parallel RWYs to optimize the arrival sequence.
- ATIS will transmit " Parallel approaches in progress. Primary arrival RWY is [identifier for main landing RWY]", during peak arrival times when both RWYs are being used for arrivals.
- Pilots should exercise caution when selecting the ILS frequency.
- Pilots requiring the use of RWY 13L/31R for ACFT performance reasons outside of the times when Parallel RWY Operations are in use should advise ATC at the earliest opportunity. Efforts will be made to make RWY 13L/31R available; however, delay may be experienced as returning this RWY to service may take in excess of 15 minutes.
- RWY 13L/31R should not be assumed to be available as a diversion alternate to RWY 13R/31L.

## 1. GENERAL

During Parallel RWY Operations pilots should take special care to comply with all ATC instructions due to:

- ACFT landing RWY 13L/31R will be required to cross RWY 13R/31L to access parking stands.
- Military ACFT operating from OMAA North of RWY 13L/31R will be required to cross RWY 13L/31R to facilitate access to and from the military apron.
- Military ACFT can be expected to depart from RWY 13L/31R and arrival ACFT should be aware that there may be departing traffic with possible increased arrival spacing to facilitate.

During Parallel RWY Operations, in the event of a blockage/unserviceability on the arrival RWY, ATC will initiate single RWY, mixed-mode operations and reposition ACFT to the available RWY accordingly.

Training flights will not be facilitated at Abu Dhabi International APT during Parallel RWY Operations.

### 1.4.2. SCHEDULED CLOSURE OF RWY S

RWY 13R/31L closed every Tuesday between 0700-1400 from 01 April to 31 October and between 0600-1300 from 01 November to 31 March for preventative maintenance.

RWY 13L/31R closed every Thursday between 0700-1400 from 01 April to 31 October and between 0600-1300 from 01 November to 31 March for preventative maintenance.

### 1.5. WIND SHEAR WARNINGS

Wind Shear Warnings shall be issued where a 15 KT or greater Wind Shear has been either "Forecast", "Reported" or "Observed", these will be updated with appropriate and confirmed updated data.

"Forecast" is used when the phenomenon is only forecast by NCM (National Centre of Meteorology).

"Reported" is used when the phenomenon has been confirmed by a pilot report.

"Observed" is used when the phenomenon is confirmed by ACARS, the Aerodrome wind-profiler, or other wind measurement equipment on the APT.

Wind Shear Warnings shall be broadcast on the approach frequencies and shall be passed to each ACFT on the Tower frequency also will be broadcast on both the departure and arrival ATIS.

Wind Shear Warnings shall be passed to ACFT for a period of 30 minutes after receipt of the last report.

Pilots are requested to inform ATC if they experience any wind shear on arrival or departure, irrespective of whether an alert has been given.

If a Wind Shear Alert has been issued, ACFT may be requested by ATC to state the 1000' winds when able.

### 1.6. PARKING INFORMATION

Visual Docking System is installed on all stands with the exception of stands 135 and 801 thru 805.

Push-back is mandatory on all stands.

Reduced engine taxi in stand 508 is prohibited for all ACFT types due risk of jet blast.

### 1.7. OTHER

Caution: Soft shoulders at TWY intersections.

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## 2. ARRIVAL

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### 2.1. SPEED CONTROL

If it is essential to make an immediate temporary change in speed, ATC shall be notified as soon as possible that such a change has been made. Pilots unable to maintain the last assigned speed during any particular phase of flight, shall inform ATC as soon as possible for alternative speed instructions.

Pilots should typically expect the following speed control restrictions to be enforced by ATC:

- 210 - 250 KT: From CTA entry to downwind;
- 180 - 230 KT: From downwind to base leg;
- 160 - 210 KT: On base leg and closing heading to final approach;
- MAX 180 KT: 10NM from touchdown;
- MAX 160 KT: 4NM from touchdown.

Pilots shall maintain a minimum Indicated Air Speed of 160 KT or greater to 4NM from touchdown, unless otherwise instructed by ATC. ATC considers a zero tolerance with regards to the accuracy of speed control instructions, and non-compliance with ATC instructions will be reported to the authority.

Pilots unable to comply with this minimum speed instruction shall inform ATC on first contact.

### 2.2. CAT II/III OPERATIONS

RWY 13L and RWYs 31L/R approved for CAT II/III operations, special aircrew and ACFT certification required.

### 2.3. RWY OPERATIONS

#### 2.3.1. MINIMUM RWY OCCUPANCY TIME

High intensity RWY operations require all ACFT to exit RWY at the fastest speed commensurate with safety. Extended RWY occupancy may result in the following ACFT being sent around.

Pilots should pre-plan their landing and roll-out to target their planned exit TWY (unless a specific TWY has been assigned by ATC) that provides for a safe and expeditious exit from the RWY, to reduce delays and maximise utilisation at all times.

Arriving ACFT are not to stop on any RWY exit awaiting instructions from Ground Movement Control. If a landing ACFT cannot contact ABU DHABI Ground due to frequency congestion, the pilot shall fully vacate the RWY and hold position until contact with ABU DHABI Ground can be established.

Pilots not able to comply with these requirements shall notify ATC as soon as possible.

#### 2.3.2. REDUCED RWY SEPARATION MINIMA (RRSM)

##### 2.3.2.1. GENERAL

Special landing procedures may be utilized, at Abu Dhabi Intl for RWY 13L/31R and RWY 13R/31L.

It is essential that aircrew adhere to paragraph 2.3.1. MINIMUM RWY OCCUPANCY TIME to reduce RWY occupancy times and ensure the efficiency of operations during RRSM.



## 2. ARRIVAL

### 2.3.2.2. CONDITIONS FOR THE APPLICATION OF RRSM

RRSM may be applied H24 between:

- a departing ACFT and a succeeding landing ACFT using a single RWY; or
- two successive landing ACFT; or
- two successive departing ACFT

provided:

- Tailwind does not exceed 5 KT, and there are no reports of wind shear.
- Met visibility shall be equal to or greater than 5km and the cloud ceiling shall not be lower than 1000' and the ATC is satisfied that the pilot of the following ACFT will be able to observe the relevant traffic clearly and continuously.
- Traffic information shall be provided to the flight crew of the succeeding ACFT concerned.
- The RWY is dry and there is no evidence that the braking action may be adversely affected.
- The controller is able to assess separation visually or by radar derived information. The surveillance system that provides the controller with position information shall be utilized in combination with visual means and shall be serviceable at all times.
- Wake turbulence separation minima shall be applied.
- Minimum separation continues to exist between two departing ACFT immediately after take-off of the second ACFT.
- In order to ensure that the preceding ACFT vacates the RWY in a timely manner, the pilot shall be advised of the exit at which to plan to vacate.

### 2.3.2.3. RRSM PROCEDURE

When the RWY-in-use is temporarily occupied by other traffic, landing clearance may be issued to an arriving ACFT, provided that the controller has reasonable assurance that the following separation distances/criteria will be met when the landing ACFT crosses the RWY THR:

#### Landing following landing

- **RWY 13L/31R**

The preceding landing ACFT has landed and has vacated the RWY; or has passed a point at least 7874' /2400m from the THR of the RWY (abeam TWY Z1 for RWY 13L; midway A8 and A10 for RWY 31R); and is in motion and will vacate the RWY without stopping and/or backtracking.

- **RWY 13R/31L**

The preceding landing ACFT has landed and has vacated the RWY; or has passed a point at least 7874' /2400m from the THR of the RWY (intersection of High Speed Exit TWY E10 and E12 for RWY 13R; intersection of Rapid Exit TWY E7 and E8 for RWY 31L); and is in motion and will vacate the RWY without stopping and/or backtracking.

#### Landing following departure

- **RWY 13L/31R**

The preceding departing ACFT has passed 7874' /2400m from the THR of the RWY and is/will be airborne (abeam TWY Z1 for RWY 13L; midway A8 and A10 for RWY 31R).

- **RWY 13R/31L**

The preceding departing ACFT has passed 7874' /2400m from the THR of the RWY and is/will be airborne (intersection of High Speed Exit TWY E10 and E12 for RWY 13R; intersection of Rapid Exit TWY E7 and E8 for RWY 31L).

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## 2. ARRIVAL

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### 2.4. TAXI PROCEDURES

#### 2.4.1. ABU DHABI AVIATION APRON

Whether instructed by Abu Dhabi Aviation Operations (ADA) or not, all ACFT entering ABU DHABI Aviation Apron shall hold short of TWY F and contact ABU DHABI Ground for further taxi clearance.

### 2.5. OTHER

**Caution:** ILS GP possible signal fluctuations during CAT I conditions for arriving ACFT on RWY 13R/31L and RWY 13L/31R due to taxiing and departing ACFT.

Pilots should anticipate possible GP interference and monitor ILS profile, flight display indications and autopilot behavior during manual or coupled ILS approaches.

### 3. DEPARTURE

#### 3.1. APT-COLLABORATIVE DECISION MAKING (A-CDM) PROCEDURES

##### 3.1.1. DEFINITIONS

A-CDM procedures coordinate the turnaround process and are tracked in the A-CDM platform by events known as milestones.

A-CDM milestone approach is primarily based on Target Off-Block Time (TOBT) and Target Start-up Approval Time (TSAT).

- TOBT: The time that ground handlers and ACFT operators estimate that an ACFT will be ready, all doors closed, boarding bridge removed, push-back vehicle available and ready to start-up/push-back immediately upon reception of clearance from the TWR.
- TSAT: Calculated time at which start-up clearance can be expected. TSAT includes all parameters such as Calculated Take-Off Time (CTOT), variable taxiing time etc.

##### 3.1.2. A-CDM MILESTONES

###### 3.1.2.1. EOBT -3 HOURS

ACFT operators have to file FPL with Estimated Off-Block Time (EOBT).

FPLs will be checked against their APT slot - Scheduled Off-Block Time (SOBT), destination APT and the ACFT type.

Alerts will be generated in the AODB for further action or attention if there is any discrepancy identified.

The airport operator or Ground Handler (GH) may need to either confirm or resolve the discrepancy as early as possible.

###### 3.1.2.2. EOBT -2 HOURS

TOBT is the time when an ACFT is planned to be "ready to move". TOBT will be provided by the APT Operations Control Center.

The following is used to calculate the TOBT:

EOBT which will have created system calculated TOBT, or updates of it, or manual TOBT update, and/or CTOT.

At EOBT -2 hours, it will be known if flights are regulated or not. All regulated flights receive a CTOT from EMIRATES ACC.

In case of an ACFT having a long ground time, the automated TOBT based on available arrival estimates and minimum turnaround time will not be earlier than the EOBT.

###### 3.1.2.3. EOBT -40 MINUTES TSAT ISSUE TIME

At EOBT -40 minutes, TOBT is confirmed and TSAT issued.

TOBT must be updated by APT operator/GH for any change.

The TSAT is published at EOBT -40 minutes in the AODB. The TSAT is distributed to the various stakeholders at the APT via the A-CDM platform including pilots, to facilitate decision-making.

The TSAT is included in all ATC clearances received via data link service ACARS.

Voice message shall be used if not data link equipped and the TSAT will be issued by ATC.

###### 3.1.2.4. ACFT READY

Departing traffic must be ready within TOBT +5 minutes.

Pilots call for ATC clearance at TOBT { 2 minutes unless ATC clearance has been already received via data link.

The AODB receives the ready timestamp, which is currently ASRT and displays it in A-CDM platform.

After ATC advises the TSAT, the pilot will be instructed to monitor the relevant ABU DHABI Ground frequency.

If the ACFT fails to call ready to ATC before TOBT +5 minutes, the TOBT will be deleted, and a new input is needed.

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### 3. DEPARTURE

ATC clearance to departing ACFT (DCL) is available using data link service via ACARS. Pilots may request DCL clearance by sending RCD message not earlier than 20 minutes prior to EOBT.

If the content of ATC clearance received is accepted, the received clearance should be acknowledged by sending CDA message. If receipt of the clearance has not been acknowledged within 10 minutes, the system will consider an error has occurred. In the event of an error message, pilots should revert to voice message. There is no requirement for the read back of a clearance received via data link.

#### 3.1.2.5. START-UP REQUESTED

ABU DHABI Ground calls the pilot at TSAT { 2 minutes for push-back and start-up clearance, if traffic permits.

If the push-back cannot be executed by TSAT +5 minutes due to unexpected late issues related to the ACFT operator, it is the pilot's responsibility to advise ATC, GH and its ACFT operator representatives to update TOBT accordingly for a new TSAT. The pilot will then re-coordinate for new ATC clearance based on the new TOBT.

If the push-back cannot be executed due to ATC reasons, by TSAT +5 minutes, ATC will arrange a new TSAT accordingly.

#### 3.1.3. TOBT ADHERENCE AND UPDATE

APT operator or GH is responsible for the correct update and adherence to TOBT. TOBT can be updated throughout the flight process without limitation.

If TOBT cannot be met, it must be updated as soon as possible preventing it from expiring.

#### 3.1.4 A-CDM PROCEDURE SUSPENSION

In case of A-CDM system failure, the procedure will be suspended and:

- " A-CDM out of service" will be announced via ATIS;
- A NOTAM will be issued if the suspension lasts more than 12 hours;
- APT operator/GH will be informed by the duty manager airside;
- A standard taxi time scheme will be adopted;
- Operations will follow non A-CDM departure procedures.

#### 3.1.5. NON A-CDM DEPARTURE PROCEDURES - FAILURE OR SUSPENSION

When 'ready', all departing ACFT must contact ABU DHABI Delivery as per the procedures stated in paragraph 3.2.1.

ATC will manage departure sequence according to EOBT/CTOT.

For A-CDM related procedures, contact [ACDM@ans.adairports.ae](mailto:ACDM@ans.adairports.ae).

### 3.2. START-UP, PUSH-BACK AND TAXI PROCEDURES

#### 3.2.1. START-UP AND PUSH-BACK

Departing ACFT shall contact Delivery to confirm receipt of ATC clearance via Data Link or to obtain the ATC clearance via voice only when fully ready to push back and start. The following information should be passed:

- ACFT callsign;
- ACFT type, and for ACFT in the heavy/super wake turbulence category the word "Heavy" or "Super" accordingly;
- Parking stand;
- Ready to push and start.

Delivery will issue ATC clearance to ACFT ready for push-back and start. Pilot will then be instructed to monitor ABU DHABI Ground (South) and standby for ATC call.

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### 3. DEPARTURE

#### 3.2.2. MULTIPLE PUSH-BACK PROCEDURES

Multiple push-back of ACFT facing same direction or "nose to nose" (apron 2 and 3 only) shall be permitted provided that the ACFT are separated by 2 or more parking stands on apron 2, 3, 4 North, 4 South, 5 East and 7.

**Note:** In the "nose to nose" scenario ATC shall ensure that one TWY is available between the two ACFT.

Multiple push-back of ACFT "tail to tail" shall be permitted provided that the ACFT are separated by 3 or more other parking stands on apron 2, 3, 4 North, 4South, 5 East and 7.

#### APRON 1

A maximum of 4 multiple push-back operations are allowed.

ACFT parked on stands 101 and 102 may expect to push-back:

- To face North;
- Onto the taxilane on apron 3 abeam stand 309 West of TWY E9 intersection facing East;
- On TWY F abeam stand 309 West of TWY E9 intersection facing East;
- On TWY F abeam stand 112 East of TWY E9 facing West.

ACFT parked on stand 103 shall expect to push-back facing South only.

ACFT parked on stands 111 thru 113 may expect to push-back onto TWY F between TWY E9 and TWY E11 and clear of the intersections. ATC will instruct the ACFT to face either East or West.

ACFT parked on stands 121, 122, 131 and 132 may expect to:

- Push-back to start-up on a position on the taxilane abeam stand 133 facing North; or
- Push-back to start-up on a position on TWY F abeam stand 112 West of TWY E11 intersection facing East.

ACFT parked on stands 123 and 133 thru 136 may expect to push-back to start-up on a position on the taxilane abeam stand 133 facing North.

ACFT on stands 123, 134 thru 136 and 103 which request to start engine(s) on parking stand, due to APU failure for example, shall be unable to execute the standard push-back onto TWY E9 or TWY E11 facing North due to issues created by the jet blast towards the adjacent service road.

#### APRON 2

ACFT shall push-back on the apron 2 taxilane centerline facing either East or West with the following restrictions:

- Push-back from stand 201 shall face West;
- Push-back from stand 222 shall face East.

Reduced engine taxi out from stand 201 thru 222 are prohibited with the exception of A320 and A321 ACFT types.

#### APRON 3

ACFT shall push-back on the apron 3 taxilane centerline facing East or West with the following restrictions:

- Push-back from stand 309 shall face East;
- Push-back from stand 301 shall face West.

Pilots proceeding to and from assigned gates on apron 3 stands 301 thru 309 shall disregard broken dotted white lines adjacent to TWY centerlines, as they are only designed to guide tow tugs during push-back process.

**Note:** ACFT taxiing out via TWY E9 (including code F ACFT) are deemed to be separated from ACFT that have completed a push-back on TWY E9 from stands 101 thru 103.

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### 3. DEPARTURE

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**APRON 4****Apron 4 North**

Parking stands on apron 4 North, inclusive of TWY E3A, TWY E3B and TWY E4N, are suitable for code C ACFT types or smaller.

ACFT shall push-back on the apron 4 North taxilane centerline facing East or West.

Push-back from stand 409 shall face East.

Due to lack of appropriate TWY markings and centerline lights the following TWY routings (both directions) are not permitted based on instructions from ADA Air-side Operations, except during daylight operations:

- Inbound to apron 4 via E4N: TWY E (Westbound) - E4 - E4N;
- Outbound from apron 4 via E4N: TWY E4N - TWY E4 - E (Eastbound).

The parking stands cannot be used by A321 and B737 type of ACFT.

**Apron 4 South**

Parking stands on apron 4 South, inclusive of TWY E4S, are suitable for code C ACFT types.

ACFT A321 will not be allocated adjacent stands between stands 410 to 419.

ACFT shall push-back on the apron 4 South taxilane centerline facing East or West.

When pushing-back from stand 410 facing West, ATC shall instruct the pilots to be pulled abeam stand 412 prior to start-up in order to avoid risk of jet blast incidents for the vehicles using the service road east of stand 410.

The parking stands cannot be used by B737-MAX ACFT type.

**APRON 5****Apron 5 West**

Stand 508: push-back on TWY F to face West.

Stand 509: push-back on TWY F to face East or West.

Stand 510: push-back on TWY F to face East.

**Note:** Simultaneous multiple push-backs are not allowed.

**Apron 5 East**

Stand 511: push-back on TWY F to face West.

Stand 516: push-back on TWY F to face East.

Stand 512 thru 515: push-back on TWY F to face East or West.

**APRON 7**

ACFT may push-back from any stand to face East or West on TWY N centerline.

Multiple push-back of ACFT on adjacent stands "nose to nose" shall be permitted provided that TWY is available between the 2 ACFT after the push-back, e.g. stand 707 and 708 with TWY C4 between the two ACFT after push-back.

**APRON 8**

This apron only available for layover parking and silent towing in and out but not available for live operations.

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+ JEPPESEN

ABU DHABI, UAE

ABU DHABI INTL

17 MAR 23

10-1P11

.Eff.23.Mar.

AIRPORT BRIEFING.

### 3. DEPARTURE

#### 3.2.3. TAXIING

##### 3.2.3.1. GENERAL

Cockpit and security checks shall be completed prior to reaching RWY holding point.

ACFT shall be ready for departure on reaching RWY holding point, unless otherwise stated.

Pilots are reminded to pay particular attention to conditional line-up clearances to avoid RWY incursions.

##### 3.2.3.2. ABU DHABI AVIATION APRON

After receiving start-up clearance contact Abu Dhabi Aviation Operations (ADA) for taxi guidance on the ABU DHABI Aviation apron.

#### 3.3. RWY OPERATIONS

##### 3.3.1. MINIMUM RWY OCCUPANCY TIME

ATC operate on the basis that each ACFT, when instructed to enter the RWY, is ready for immediate departure upon receipt of an appropriate ATC clearance. Pilots shall ensure, commensurate with safety and standard operating procedures and on receipt of an appropriate ATC clearance, that they are able to taxi into the correct position and line up on the RWY as soon as the preceding ACFT has commenced its take-off run or its landing roll.

Cockpit checks and cabin readiness shall be completed before line-up and any checks requiring completion on the RWY shall be kept to a minimum.

On receipt of take-off clearance, pilots shall commence take-off without delay.

Pilots not able to comply with these requirements shall notify ATC as soon as possible.

##### 3.3.2. REDUCED RWY SEPARATION MINIMA (RRSM)

###### 3.3.2.1. GENERAL

Special departing procedures may be utilized, at Abu Dhabi Intl for RWY 13L/31R and RWY 13R/31L.

It is essential that aircrew adhere to paragraph 3.3.1 MINIMUM RWY OCCUPANCY TIME and 3.2.2. TAXIING to reduce RWY occupancy times and ensure the efficiency of operations during RRSM.

###### 3.3.2.2. RRSM PROCEDURE

Take-off clearance may be issued to a departing ACFT, commencing its take-off roll from full length, before the preceding departure has passed the upwind end of the RWY, provided:

###### Departure following departure

###### - RWY 13L/31R

The preceding ACFT is airborne, and has passed a point at least 7874' /2400m from the THR of the RWY (abeam TWY Z1 for RWY 13L; midway A8 and A10 for RWY 31R) and minimum separation continues to exist, constant or increasing, between the two departing ACFT immediately after take-off of the second ACFT.

###### - RWY 13R/31L

The preceding ACFT is airborne, and has passed a point at least 7874' /2400m from the THR of the RWY (intersection of Rapid Exit TWY E10 and E12 for RWY13R; intersection of Rapid Exit TWY E7 and E8 for RWY 31L) and minimum separation continues to exist, constant or increasing, between the two departing ACFT immediately after take-off of the second ACFT.

### 3. DEPARTURE

#### 3.4. SIMULTANEOUS PARALLEL DEPARTURES

Parallel RWYs may be used for independent instrument departures as follows:

- Both RWYs are used exclusively for departure (independent departures);
- One RWY is used exclusively for departures while the other RWY is used for a mixture of arrivals and departures (semi mixed operations);
- Both RWYs are used for mixed arrivals and departures (mixed operations).

The SIDs design permits simultaneous departures from every pair of RWYs because the departure tracks diverge more than 15 degrees, complying with ICAO DOC 9643 requirements.

A minimum of 3NM surveillance separation will be observed between successive departures from the same RWY direction.

Simultaneous parallel departures are available in all weather conditions.

The following conditions are required in the application of this standard between succeeding departing ACFT:

- ATS surveillance systems are used in the provision of aerodrome control service to establish surveillance separation between succeeding departing ACFT;
- Vertical separation shall be applied between successive departures when the following ACFT has a closing airspeed.

When SOIR Mode 3, independent parallel departures are in use, the following SID shall be used:

RWY 13 departures:

RWY 13L	RWY 13R
DAXIB 1F	MEKRI 1G
LORID 1F	BOSEV 1G
TULON 1F	ORNEL 1G
ATUDO 5F	KANIP 3G

RWY 31 departures:

RWY 31L	RWY 31R
MEKRI 2K	LORID 1P
BOSEV 1K	TULON 1P
DAXIB 1K	ATUDO 3P
	KANIP 1N
	KANIP 3P
	ORNEL 1P

#### 3.5. OTHER INFORMATION

ATC requires ACFT to commence its take-off roll within 20 seconds of being cleared for take-off.

However, in the interest of expediting traffic, a clearance for immediate take-off may be issued to an ACFT before it enters the RWY. On acceptance of such clearance, ACFT shall taxi out to the RWY and take off in one continuous movement.

Non-compliance will result in ATC reporting the occurrence to the Authority for further action.



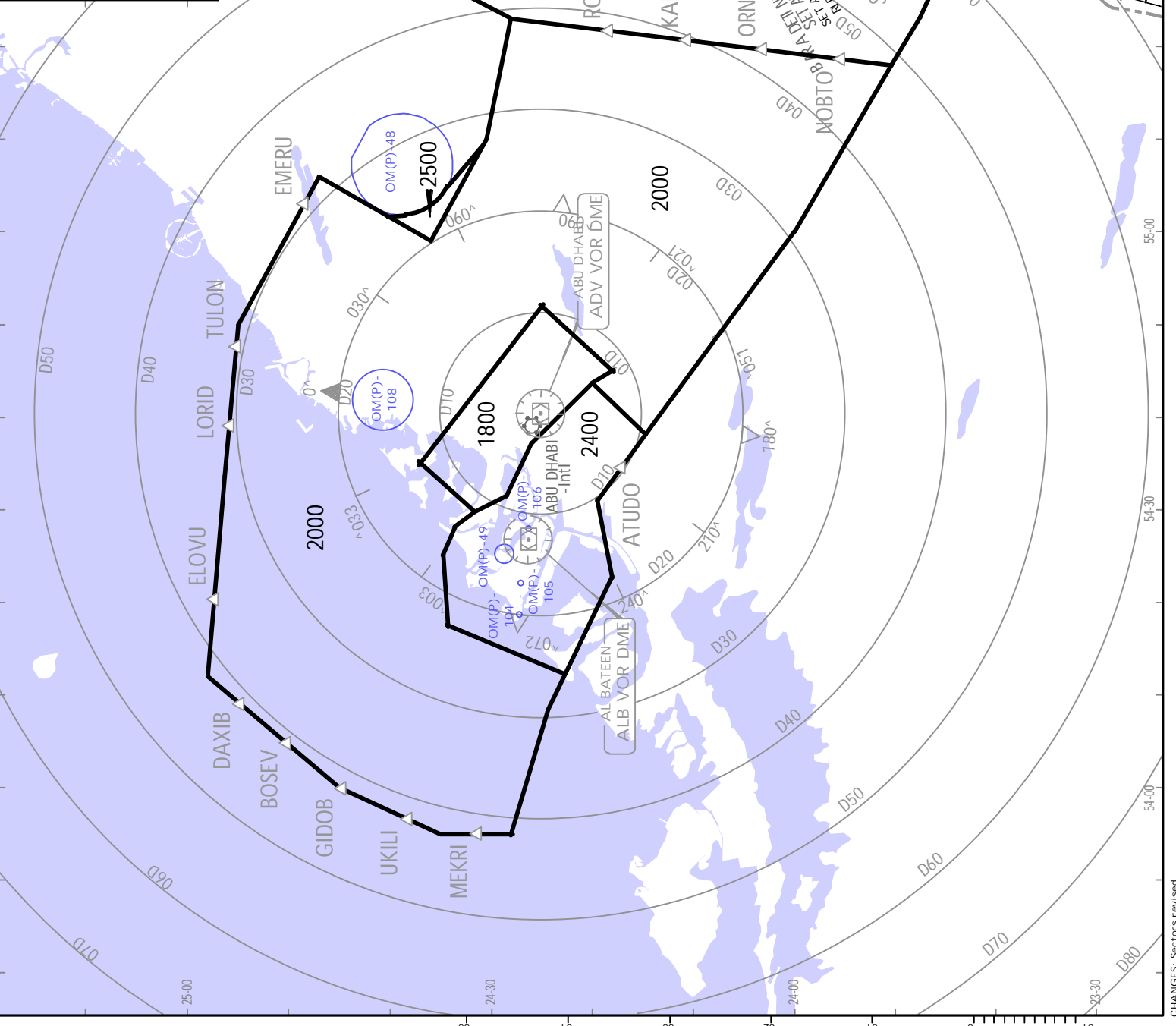
**ABU DHABI, UAE**  
**.RADAR.MINIMUM.ALTITUDES.**

ABU DHABI Radar (APP)

Central	*North
124.4	135.150
East	*West
132.675 133.550	128.1
Apt Elev	
83	

Alt Set: hPa Trans level: FL150 Trans alt: 13000  
 Chart may only be used for cross-checking of altitudes assigned while under RADAR control.

MSA ADV VOR

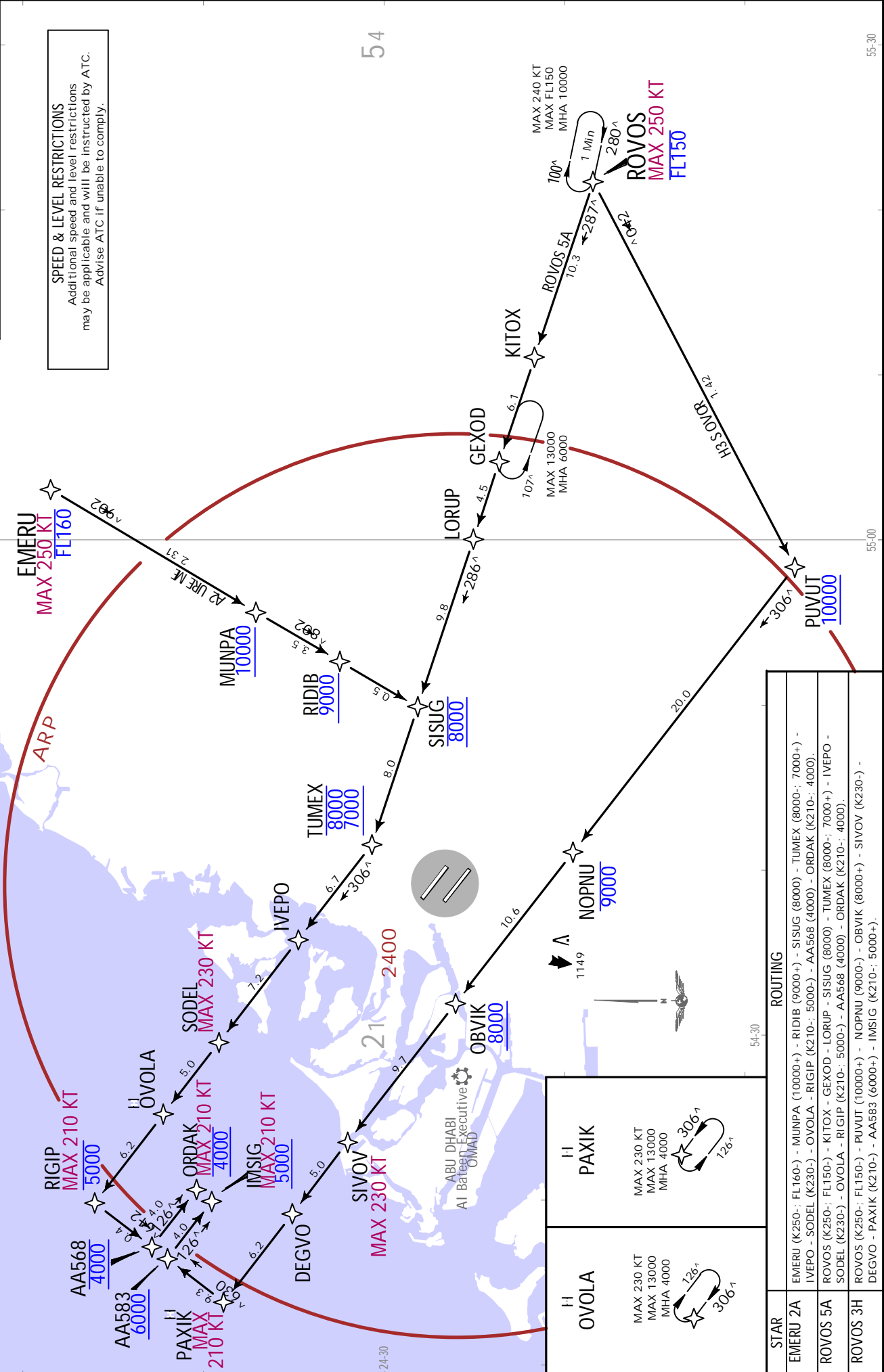


**EMERU 2A [EMER2A]**  
**ROVOS 5A [ROV05A]**  
**ROVOS 3H [ROV03H]**  
**RNAV ARRIVALS**  
**(RWYS 13L/R)**  
**.SPEED: MAX 250 KT BELOW 10000**

**SPEED & LEVEL RESTRICTIONS**  
 Additional speed and level restrictions may be applicable and will be instructed by ATC. Advise ATC if unable to comply.

D-ATIS Arrival 119.975	Apt Elev 83	AI: Set: hPa Trans level: FL150 RNAV 1 GNSS required
---------------------------	----------------	--

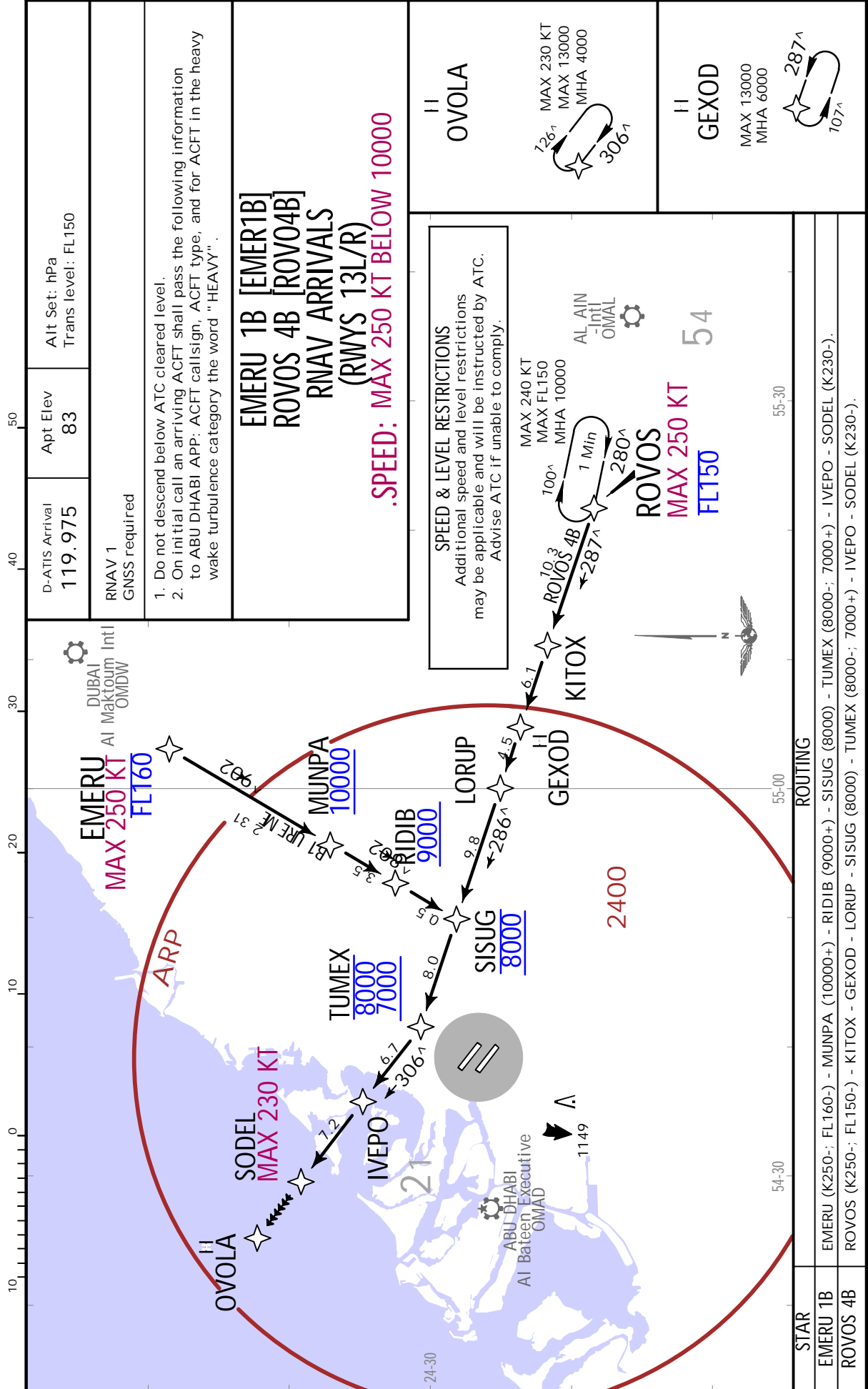
1. Do not descend below ATC cleared level.  
 2. On initial call an arriving ACFT shall pass the following information to ABU DHABI APP: ACFT callsign, ACFT type, and for ACFT in the heavy wake turbulence category the word "HEAVY".



**OMAA/AUH**  
 ABU DHABI INTL

**JEPPESSEN**  
 9 SEP 22 (10-2A)

**ABU DHABI, UAE**  
 .RNAV.STAR.







**JEPPESEN** ABU DHABI, UAE  
 .RNAV.SSTAR.  
 28 AUG 20 (10-2D).Eff. 10.Sep.

**OMAA/AUH**  
 ABU DHABI INTL

**ATUDO 2A [ATUD2A]**  
**NOBTO 7A [NOBT7A]**  
**NOBTO 3H [NOBT3H]**  
**RNAV ARRIVAL**  
**(RWYS 13L/R)**  
**.SPEED: MAX 250 KT BELOW 10000**

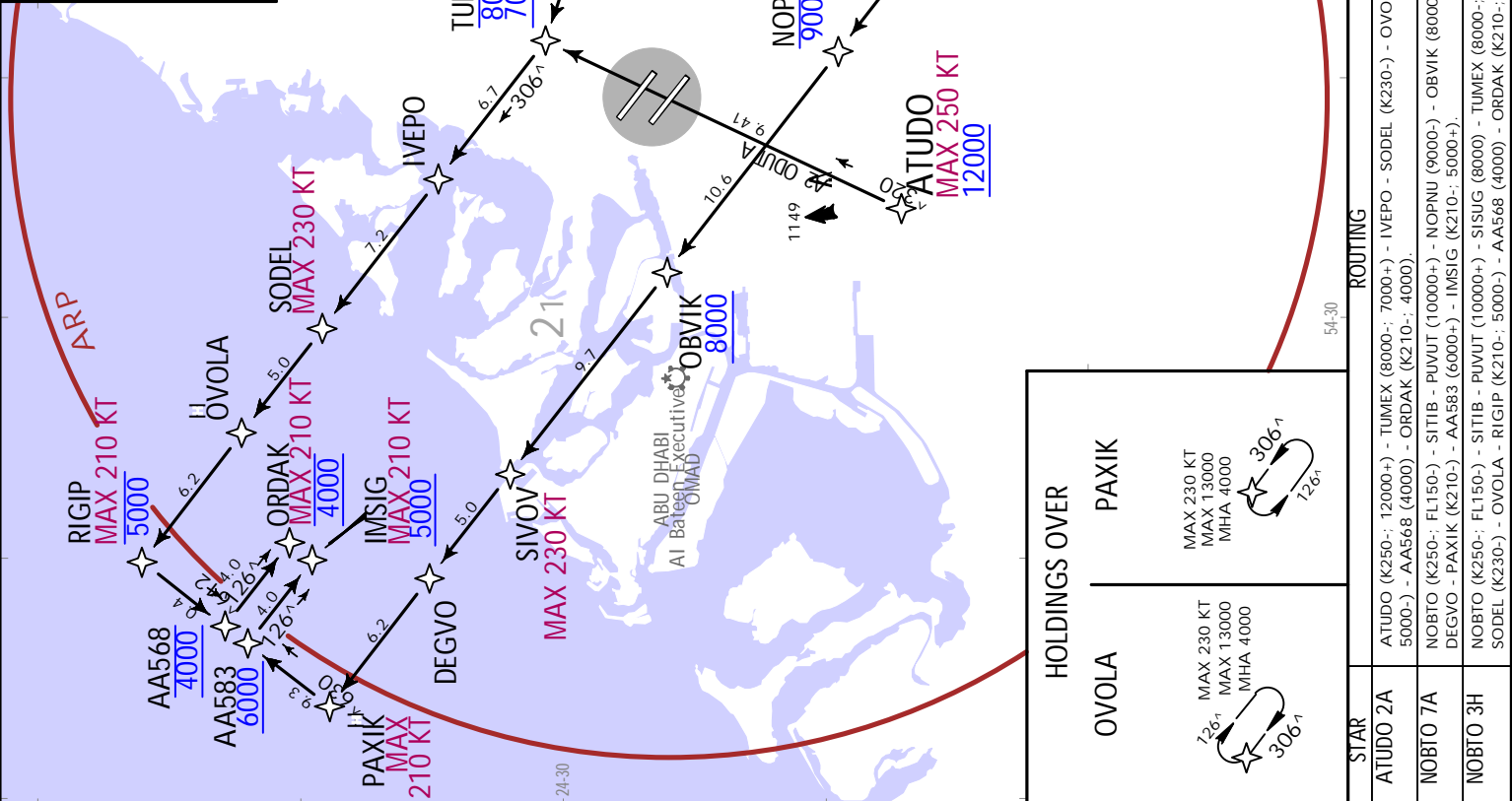
D-ATIS Arrival  
 119.975

Apt Elev  
 83

Alt Set: hPa  
 Trans level: FL150

1. RNAV 1.
2. GNSS required.
3. Do not descend below ATC cleared level.
4. On initial call an arriving ACFT shall pass the following information to ABU DHABI APP: ACFT call sign, ACFT type, and for ACFT in the heavy wake turbulence category the word "HEAVY".

**SPEED & LEVEL RESTRICTIONS**  
 Additional speed and level restrictions may be applicable and will be instructed by ATC. Advise ATC if unable to comply.



HOLDINGS OVER	
OVOVA	PAXIK
MAX 230 KT MAX 13000 MHA 4000 726 <sup>1</sup> 306 <sup>1</sup>	MAX 230 KT MAX 13000 MHA 4000 726 <sup>1</sup> 306 <sup>1</sup>

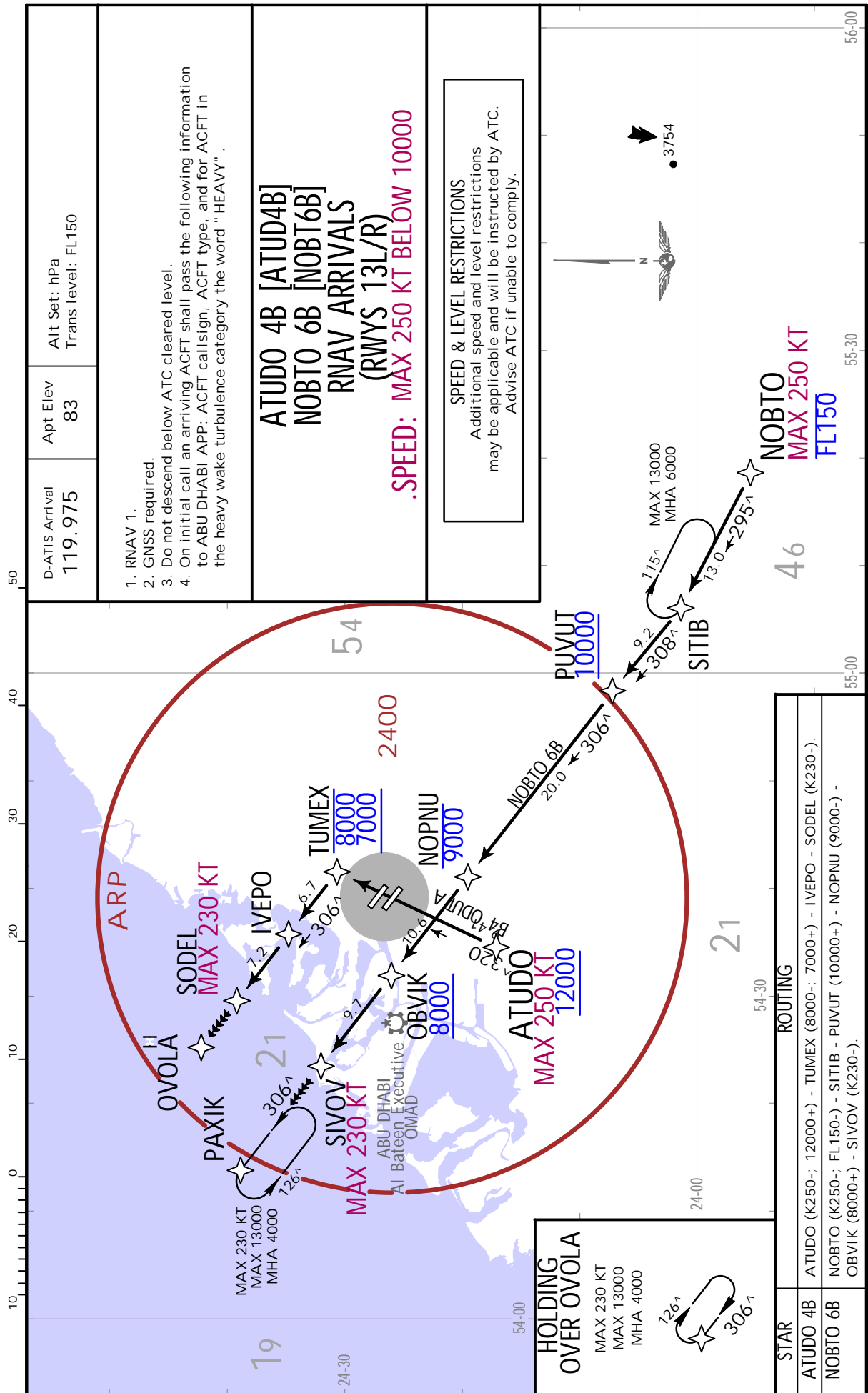
  

ROUTING	
ATUDO 2A	ATUDO (K250+; 12000+) - TUMEX (8000+; 7000+) - IVEPO - SODEL (K230-) - OVOVA - RIGIP (K210-; 5000-) - AA568 (4000) - ORDAK (K210-; 4000).
NOBTO 7A	NOBTO (K250-; FL150-) - SITIB - PUVUT (10000+) - NOPNU (9000-) - OBOVIK (8000+) - SIVOV (K230-) - DEGVO - PAXIK (K210-) - AA583 (6000+) - IMSIG (K210-; 5000+).
NOBTO 3H	NOBTO (K250-; FL150-) - SITIB - PUVUT (10000+) - SISUG (8000-) - TUMEX (8000+; 7000+) - IVEPO - SODEL (K230-) - OVOVA - RIGIP (K210-; 5000-) - AA568 (4000) - ORDAK (K210-; 4000).

**OMAA/AUH**  
ABU DHABI INTL

**JEPPESSEN**  
28 AUG 20 10-2E .Eff.10.Sep.

**ABU DHABI, UAE**  
.RNAV.STAR.



CHANGES: General note 4. revised.

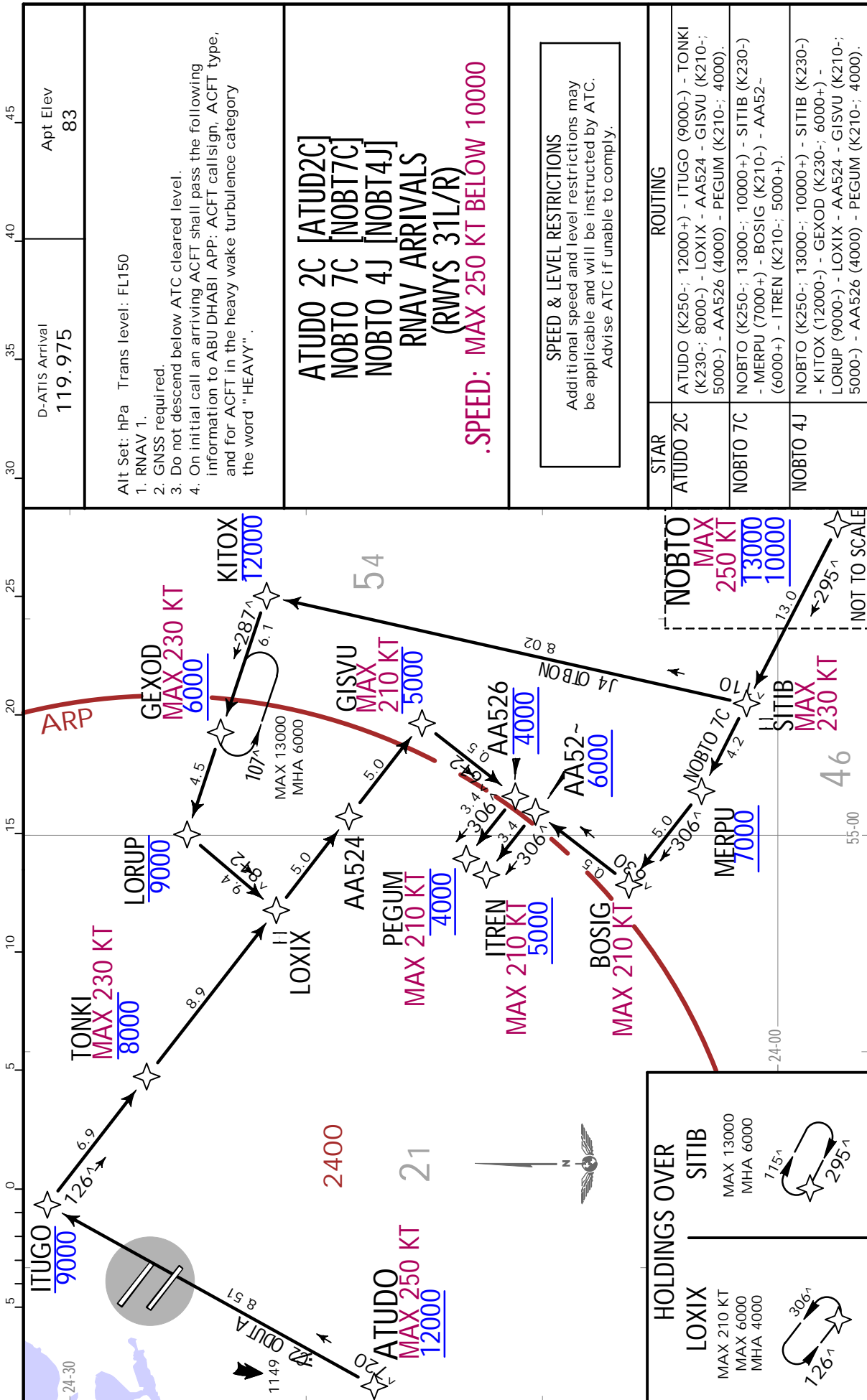
JEPPESSEN, 2017, 2020. ALL RIGHTS RESERVED.

**OMAA/AUH**  
ABU DHABI INTL



28 AUG 20 **10-2F** .Eff.10.Sep.

**ABU DHABI, UAE**  
..RNAV..STAR.



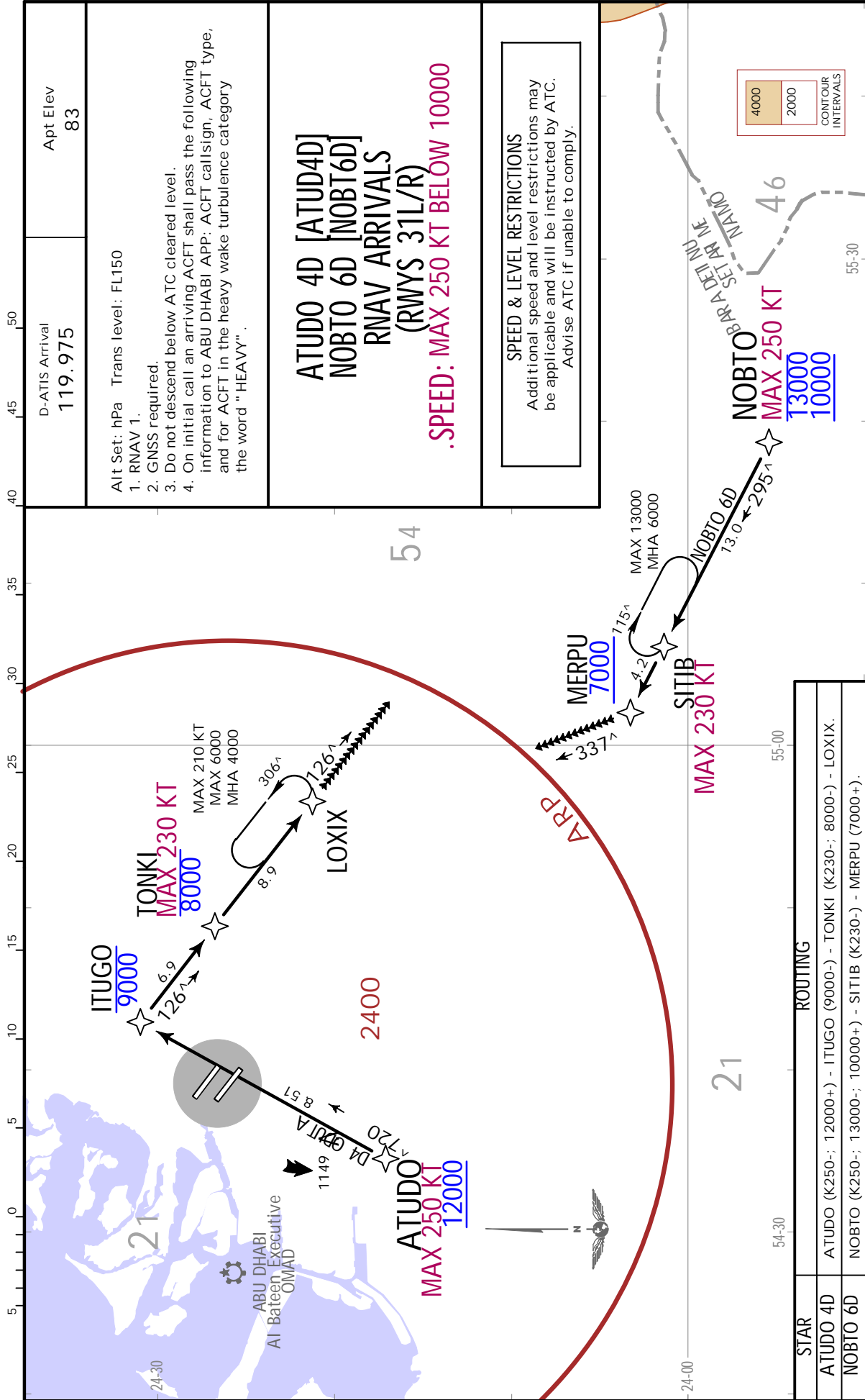
CHANGES: General note 4. revised.



**OMAA/AUH**  
 ABU DHABI INTL

**JEPPESEN**  
 28 AUG 20 (10-2G) .Eff.10.Sep.

**ABU DHABI, UAE**  
 .RNAV.STAR.



D-ATIS Arrival  
**119.975**

Apt Elev  
**83**

Alt Set: hPa Trans level: FL150  
 1. RNAV 1.  
 2. GNSS required.  
 3. Do not descend below ATC cleared level.  
 4. On initial call an arriving ACFT shall pass the following information to ABU DHABI APP: ACFT call sign, ACFT type, and for ACFT in the heavy wake turbulence category the word "HEAVY".

**ATUDO 4D [ATUD4D]  
 NOBTO 6D [NOBT6D]  
 RNAV ARRIVALS  
 (RWYS 31L/R)  
 .SPEED: MAX 250 KT BELOW 10000**

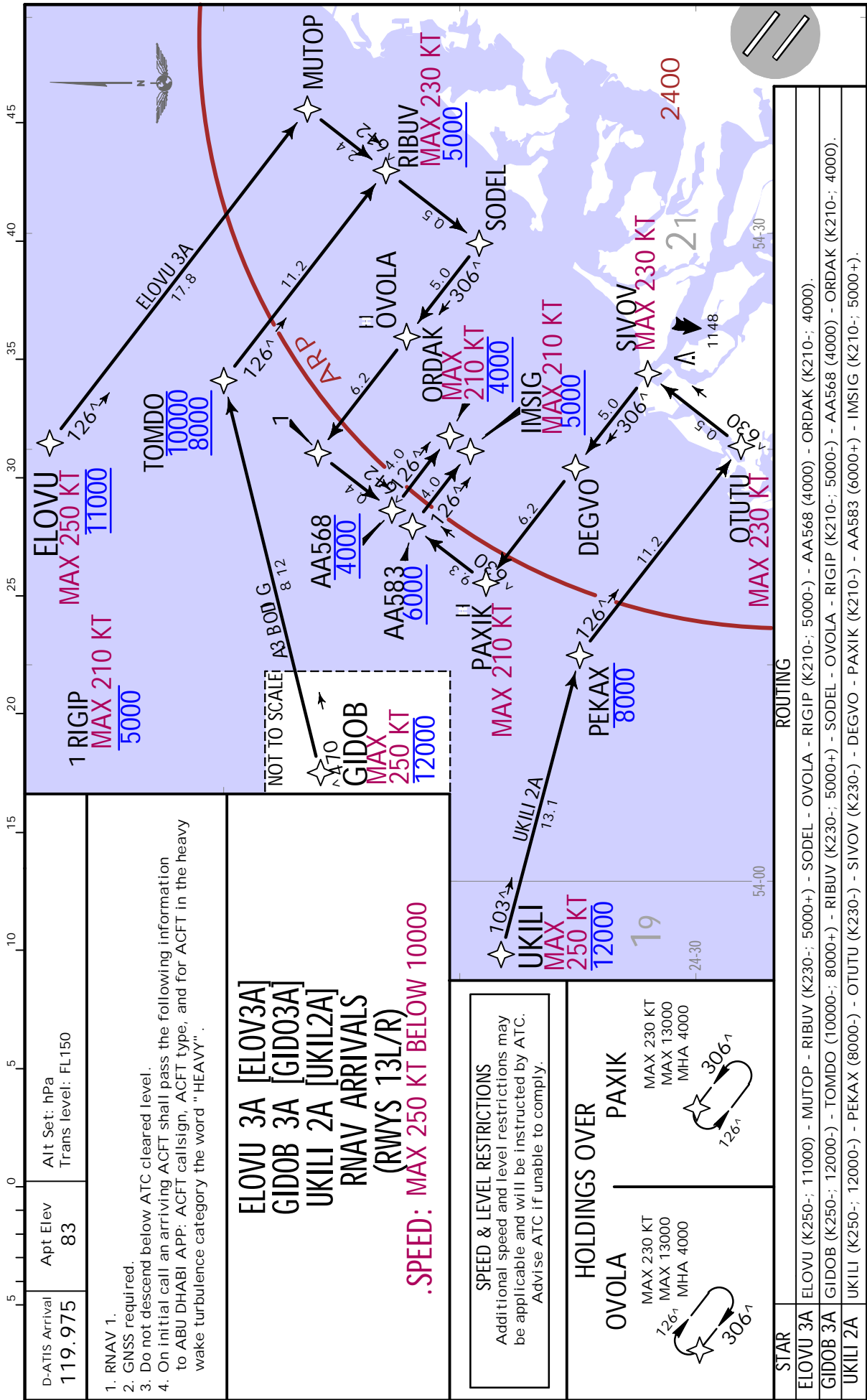
**SPEED & LEVEL RESTRICTIONS**  
 Additional speed and level restrictions may be applicable and will be instructed by ATC. Advise ATC if unable to comply.

STAR	ROUTING
ATUDO 4D	ATUDO (K250+; 12000+) - ITUGO (9000-) - TONKI (K230-; 8000-) - LOXIX.
NOBTO 6D	NOBTO (K250-; 13000-; 10000+) - SITIB (K230-) - MERPU (7000+).

OMAA/AUH  
ABU DHABI INTL

JEPPESEN  
28 AUG 20 10-2H .Eff.10.Sep.

ABU DHABI, UAE  
.RNAV.STAR.

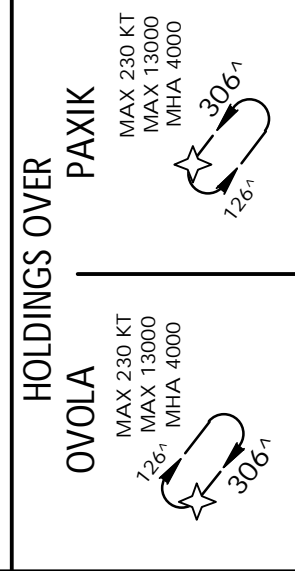


D-ATIS Arrival <b>119.975</b>	Apt Elev <b>83</b>	Alt Set: hPa Trans level: FL150
----------------------------------	-----------------------	------------------------------------

1. RNAV 1.
2. GNSS required.
3. Do not descend below ATC cleared level.
4. On initial call an arriving ACFT shall pass the following information to ABU DHABI APP: ACFT call sign, ACFT type, and for ACFT in the heavy wake turbulence category the word "HEAVY".

**ELOVU 3A [ELOV3A]  
GIDOB 3A [GID03A]  
UKILI 2A [UKIL2A]  
RNAV ARRIVALS  
(RWYS 13L/R)  
.SPEED: MAX 250 KT BELOW 10000**

**SPEED & LEVEL RESTRICTIONS**  
Additional speed and level restrictions may be applicable and will be instructed by ATC. Advise ATC if unable to comply.

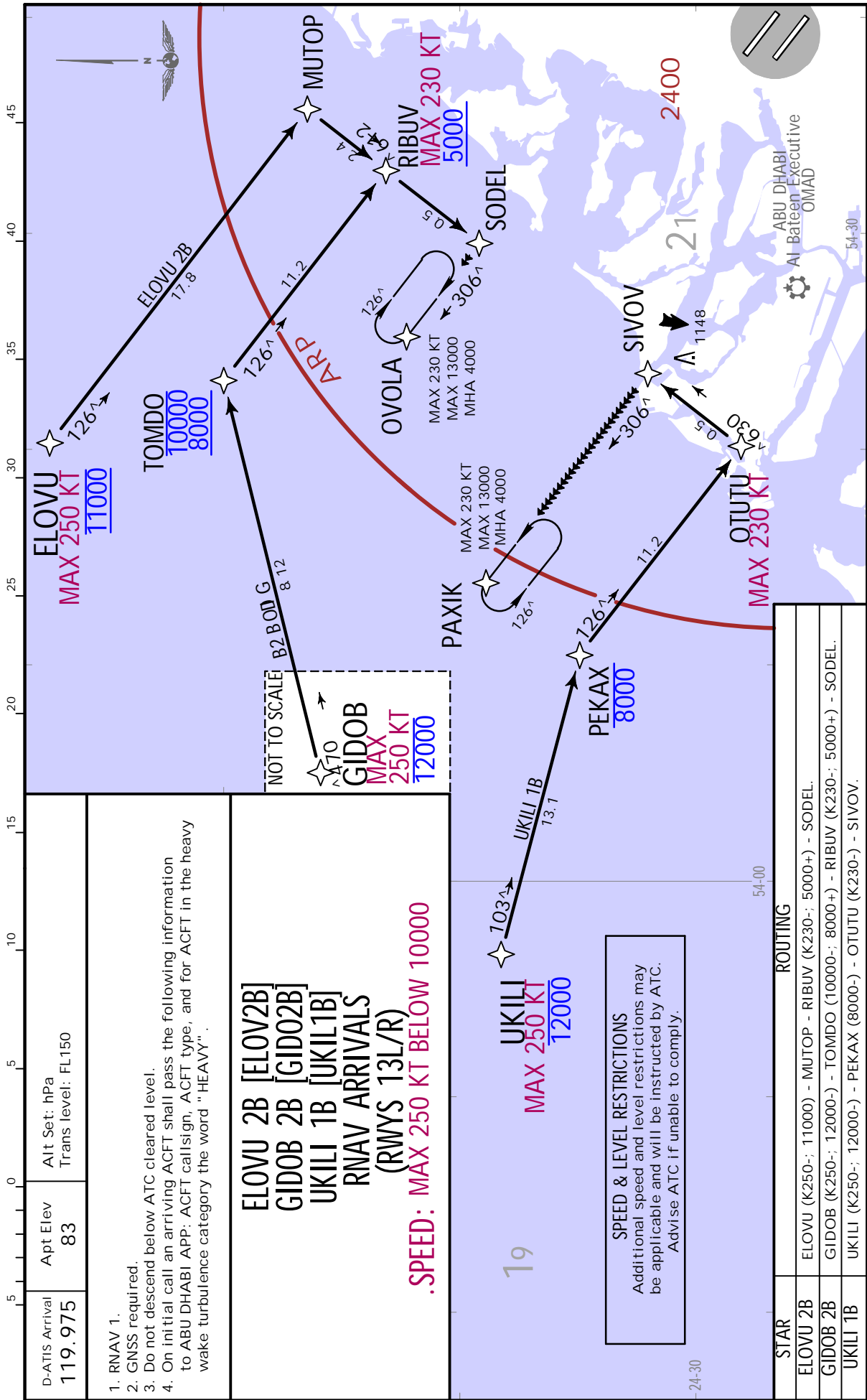


STAR	ROUTING
ELOVU 3A	ELOVU (K250-; 11000) - MUTOP - RIBUV (K230-; 5000+) - AA568 (4000) - ORDAK (K210-; 4000).
GIDOB 3A	GIDOB (K250-; 12000-) - TOMDO (10000+; 8000+) - RIBUV (K230-; 5000+) - SODEL - OVOLA - RIGIP (K210-; 5000-) - AA568 (4000) - ORDAK (K210-; 4000).
UKILI 2A	UKILI (K250-; 12000-) - OTUTU (K230-) - DEGVO (K230-) - SIVOV (K230-) - PAXIK (K210-) - AA583 (6000+) - IMSIG (K210-; 5000+).

OMAA/AUH  
ABU DHABI INTL

28 AUG 20 (10-2J) .Eff.10.Sep.

ABU DHABI, UAE  
.RNAV .STAR.



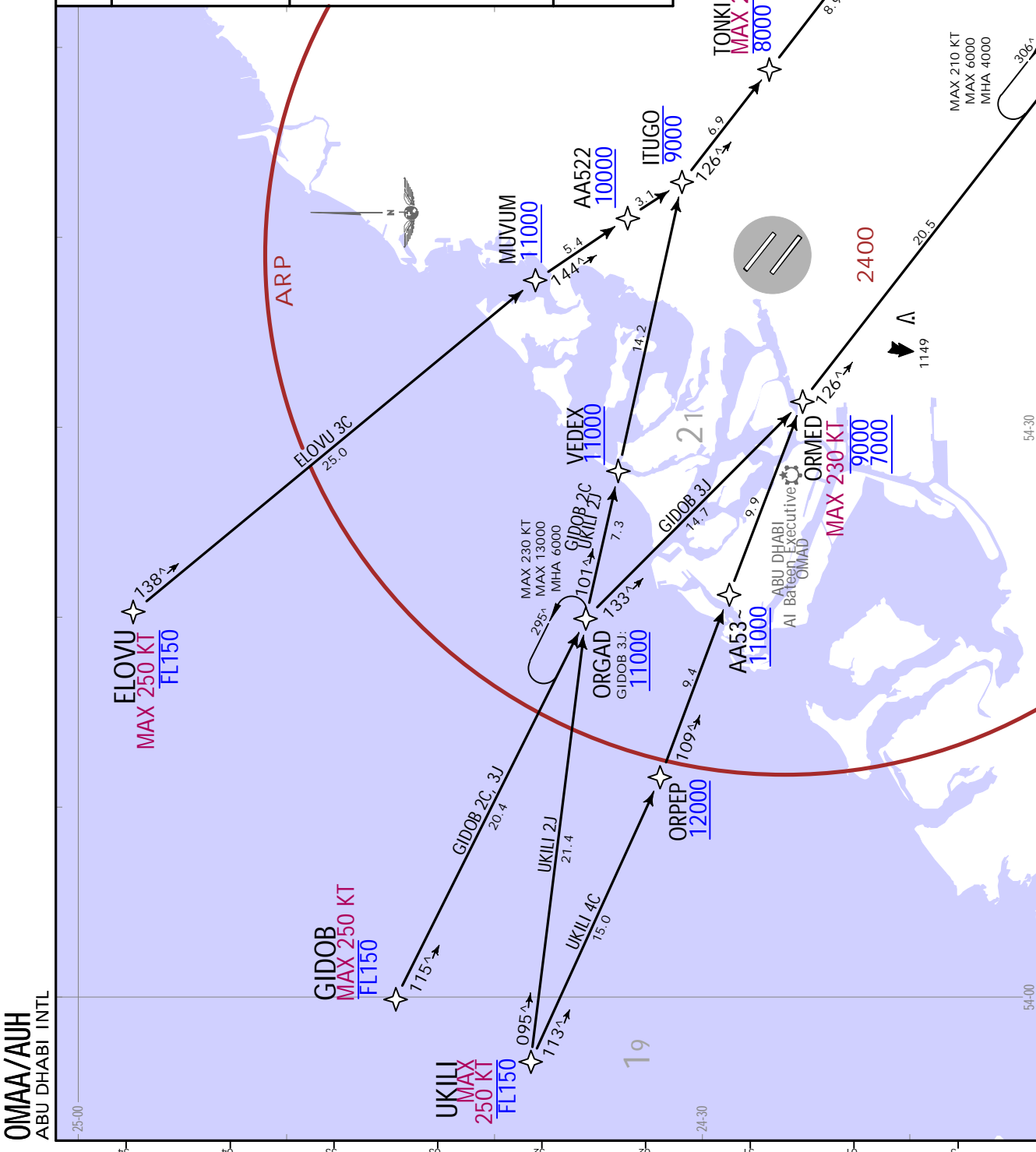
**JEPPESEN** ABU DHABI, UAE  
 .RNAV.STAR.  
 28 AUG 20 10-2K .Eff. 10.Sep.

D-ATIS Arrival  
 119.975  
 Apt Elev  
 83

Alt Set: hPa Trans level: FL150  
 1. RNAV 1.  
 2. GNSS required.  
 3. Do not descend below ATC cleared level.  
 4. On initial call an arriving ACFT shall pass the following information to ABU DHABI APP: ACFT call sign, ACFT type, and for ACFT in the heavy wake turbulence category the word "HEAVY".

ELOVU 3C [ELOV3C]  
 GIDOB 2C [GID02C]  
 GIDOB 3J [GID03J]  
 UKILI 4C [UKIL4C]  
 UKILI 2J [UKIL2J]  
 RNAV ARRIVALS  
 (RWYS 31L/R)  
**.SPEED: MAX 250 KT BELOW 10000**

**SPEED & LEVEL RESTRICTIONS**  
 Additional speed and level restrictions may be applicable and will be instructed by ATC. Advise ATC if unable to comply.



STAR	ROUTING
ELOVU 3C	ELOVU (K250-; FL150-) - MUVUM (11000+) - AA522 (10000+) - ITUGO (9000-) - TONKI (K230-; 8000-) - LOXIX - AA524 - GISVU (K210-; 5000-) - AA526 (4000) - PEGUM (K210-; 4000).
GIDOB 2C	GIDOB (K250-; FL150-) - ORGAD - VEDEX (11000+) - ITUGO (9000-) - TONKI (K230-; 8000-) - LOXIX - AA524 - GISVU (K210-; 5000-) - AA526 (4000) - PEGUM (K210-; 4000).
GIDOB 3J	GIDOB (K250-; FL150-) - ORGAD (11000+) - ORMED (K230-; 9000+) - TAPTO - AA519 - BOSIG (K210-; AA52 - (6000+) - ITREN (K210-; 5000+).
UKILI 4C	UKILI (K250-; FL150-) - ORPEP (12000+) - AA53- (11000+) - ORMED (K230-; 9000+) - TAPTO - AA519 - BOSIG (K210-; AA52 - (6000+) - ITREN (K210-; 5000+).
UKILI 2J	UKILI (K250-; FL150-) - ORGAD - VEDEX (11000+) - ITUGO (9000-) - TONKI (K230-; 8000-) - LOXIX - AA524 - GISVU (K210-; 5000-) - AA526 (4000) - PEGUM (K210-; 4000).

**OMAA/AUH**  
 ABU DHABI INTL

**JEPPESEN** **ABU DHABI, UAE**  
**.RNAV.STAR.**  
 28 AUG 20 (10-2L) Eff. 10.Sep.

**OMAA/AUH**  
**ABU DHABI INTL**

D-ATIS Arrival  
**119.975**

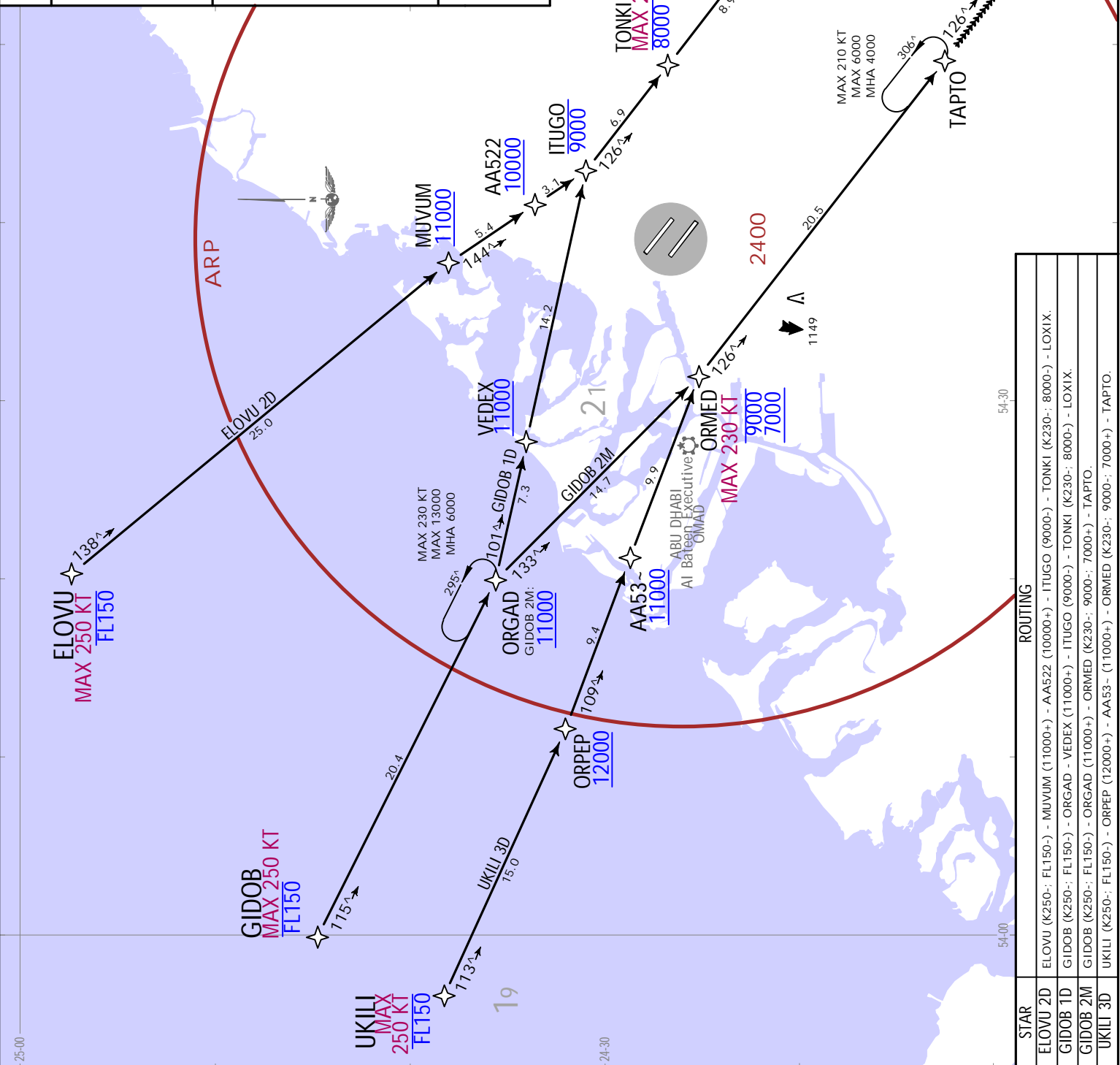
Apt Elev  
**83**

Alt Set: hPa Trans level: FL150

- RNAV 1.
- GNSS required.
- Do not descend below ATC cleared level.
- On initial call an arriving ACFT shall pass the following information to ABU DHABI APP: ACFT call sign, ACFT type, and for ACFT in the heavy wake turbulence category the word "HEAVY".

**ELOVU 2D [ELOV2D]**  
**GIDOB 1D [GID01D]**  
**GIDOB 2M [GID02M]**  
**UKILI 3D [UKIL3D]**  
**RNAV ARRIVALS**  
**(RWYS 31L/R)**  
**.SPEED: MAX 250 KT BELOW 10000**

**SPEED & LEVEL RESTRICTIONS**  
 Additional speed and level restrictions may be applicable and will be instructed by ATC. Advise ATC if unable to comply.



STAR	ROUTING
ELOVU 2D	ELOVU (K250+; FL150+) - MUVUM (11000+) - AA522 (10000+) - ITUGO (9000+) - TONKI (K230+; 8000+) - LOXIX.
GIDOB 1D	GIDOB (K250+; FL150+) - ORGAD - VEDEX (11000+) - ITUGO (9000+) - TONKI (K230+; 8000+) - LOXIX.
GIDOB 2M	GIDOB (K250+; FL150+) - ORGAD (11000+) - ORMED (K230+; 9000+) - TAPTO.
UKILI 3D	UKILI (K250+; FL150+) - ORPEP (12000+) - AA53- (11000+) - ORMED (K230+; 9000+) - TAPTO.

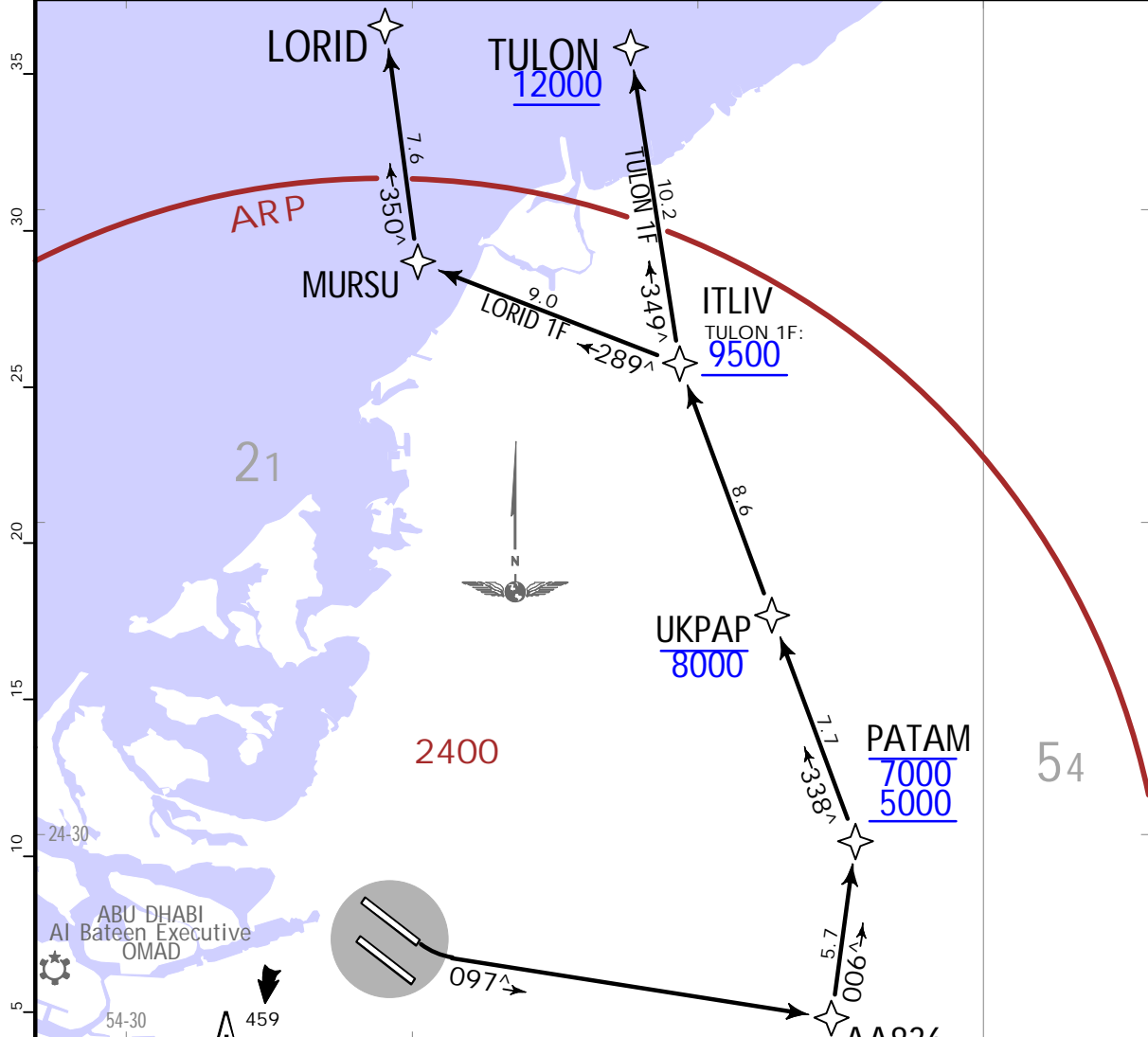
**OMAA/AUH**  
**ABU DHABI INTL**

**JEPPESEN**  
 5 JAN 18 **(10-3)**

**ABU DHABI, UAE**  
**.RNAV.SID.**

ABU DHABI Radar (C) <b>124.4</b>	Trans alt: 13000 1. RNAV 1 (GNSS) required. 2. Non-compliance with RNAV 1 (GNSS) requirements shall be reported on first contact with ABU DHABI Delivery. 3. On initial call a departing ACFT shall pass the following information to ABU DHABI APP: ACFT Callsign, passing level and SID designation. 4. Advise ATC at start-up if unable to comply. 5. Contact ABU DHABI Radar as soon as possible after passing 1000, unless otherwise instructed by ABU DHABI Tower. 6. For all stages of flight, ATC clearances to climb, cancel any previous restrictions or levels, unless they are reiterated as part of the clearance. 7. Do not climb above ATC cleared level.
ABU DHABI Delivery <b>125.1</b>	
Apt Elev <b>83</b>	

**LORID 1F [LORI1F], TULON 1F [TULO1F]**  
**RWY 13L RNAV DEPARTURES**  
**.SPEED: MAX 250 KT BELOW 10000**



These SIDs require a minimum climb gradient of 300 per NM (5%) up to 8000.

Gnd speed-KT	75	100	150	200	250	300
300 per NM	375	500	750	1000	1250	1500

Also applicable when under radar control.

Initial climb clearance 4000,  
 further climb when instructed by ABU DHABI Radar

SID	ROUTING
LORID 1F	(500+) - AA836 (K230-; 4000+) - PATAM (5000+; 7000-) - UKPAP (8000-) -ITLIV - MURSU - LORID.
TULON 1F	(500+) - AA836 (K230-; 4000+) - PATAM (5000+; 7000-) - UKPAP (8000-) - ITLIV (9500+) - TULON (12000+).

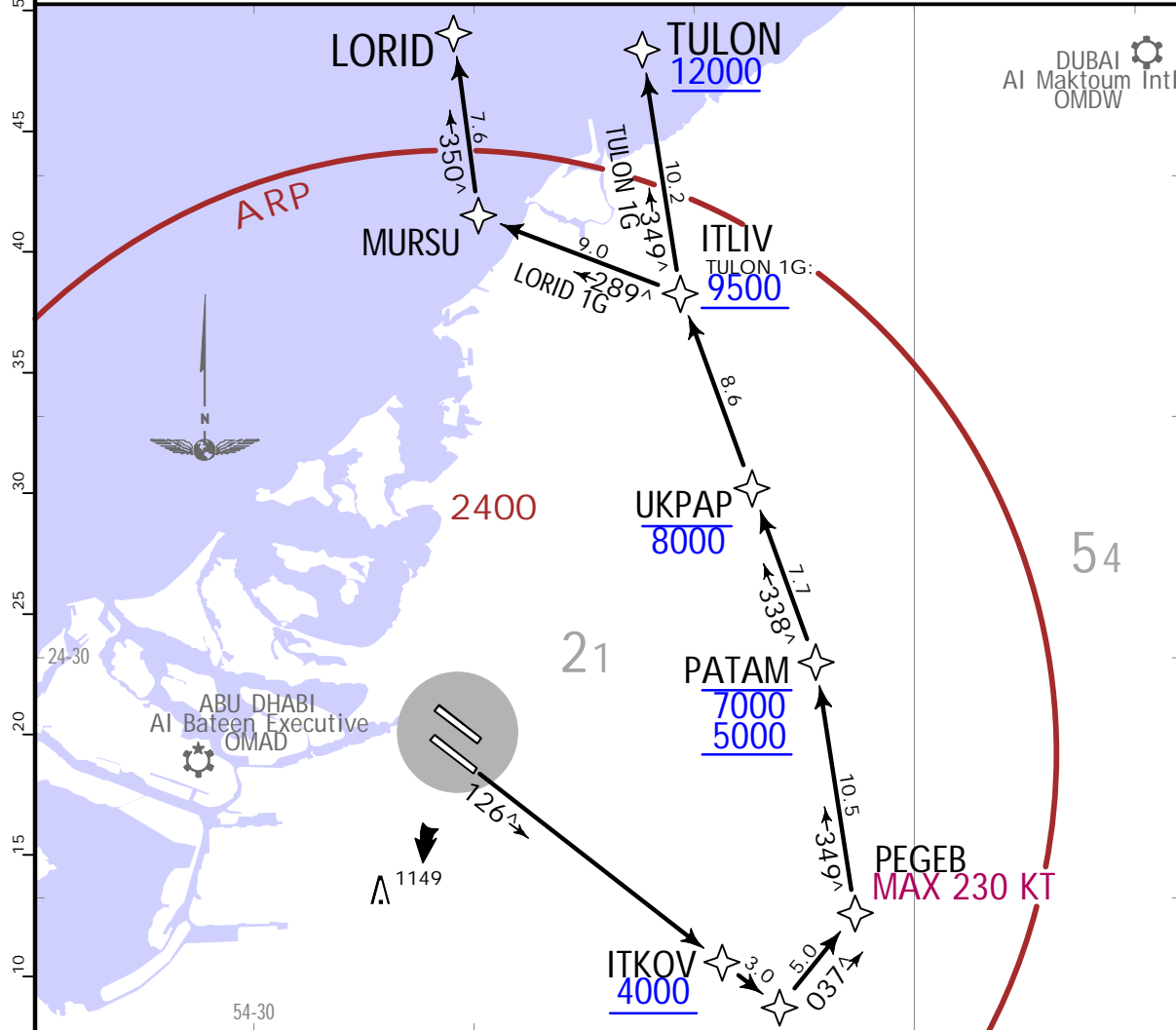
**OMAA/AUH**  
 ABU DHABI INTL

**JEPESEN**  
 5 JAN 18 (10-3A)

**ABU DHABI, UAE**  
 .RNAV.SID.

ABU DHABI Radar (C) <b>124.4</b>	Trans alt: 13000 1. RNAV 1 (GNSS) required. 2. Non-compliance with RNAV 1 (GNSS) requirements shall be reported on first contact with ABU DHABI Delivery. 3. On initial call a departing ACFT shall pass the following information to ABU DHABI APP: ACFT Callsign, passing level and SID designation. 4. Advise ATC at start-up if unable to comply. 5. Contact ABU DHABI Radar as soon as possible after passing 1000, unless otherwise instructed by ABU DHABI Tower. 6. For all stages of flight, ATC clearances to climb, cancel any previous restrictions or levels, unless they are reiterated as part of the clearance. 7. Do not climb above ATC cleared level.
ABU DHABI Delivery <b>125.1</b>	
Apt Elev <b>83</b>	

**LORID 1G [LORI1G]**  
**TULON 1G [TULO1G]**  
**RWY 13R RNAV DEPARTURES**  
**.SPEED: MAX 250 KT BELOW 10000**



DUBAI Intl  
 Al Maktoum OMDW

These SIDs require a minimum climb gradient of 300 per NM (5%) up to 8000.

Gnd speed-KT	75	100	150	200	250	300
300 per NM	375	500	750	1000	1250	1500

Also applicable when under radar control.

Initial climb clearance 5000,  
 further climb when instructed by ABU DHABI Radar

SID	ROUTING
LORID 1G	ITKOV (4000+) - AA839 (K230-; 5000+) - PEGEB (K230-) - PATAM (5000+; 7000-) - UKPAP (8000-) - ITLIV - MURSU - LORID.
TULON 1G	ITKOV (4000+) - AA839 (K230-; 5000+) - PEGEB (K230-) - PATAM (5000+; 7000-) - UKPAP (8000-) - ITLIV (9500+) - TULON (12000+).

**OMAA/AUH**  
 ABU DHABI INTL

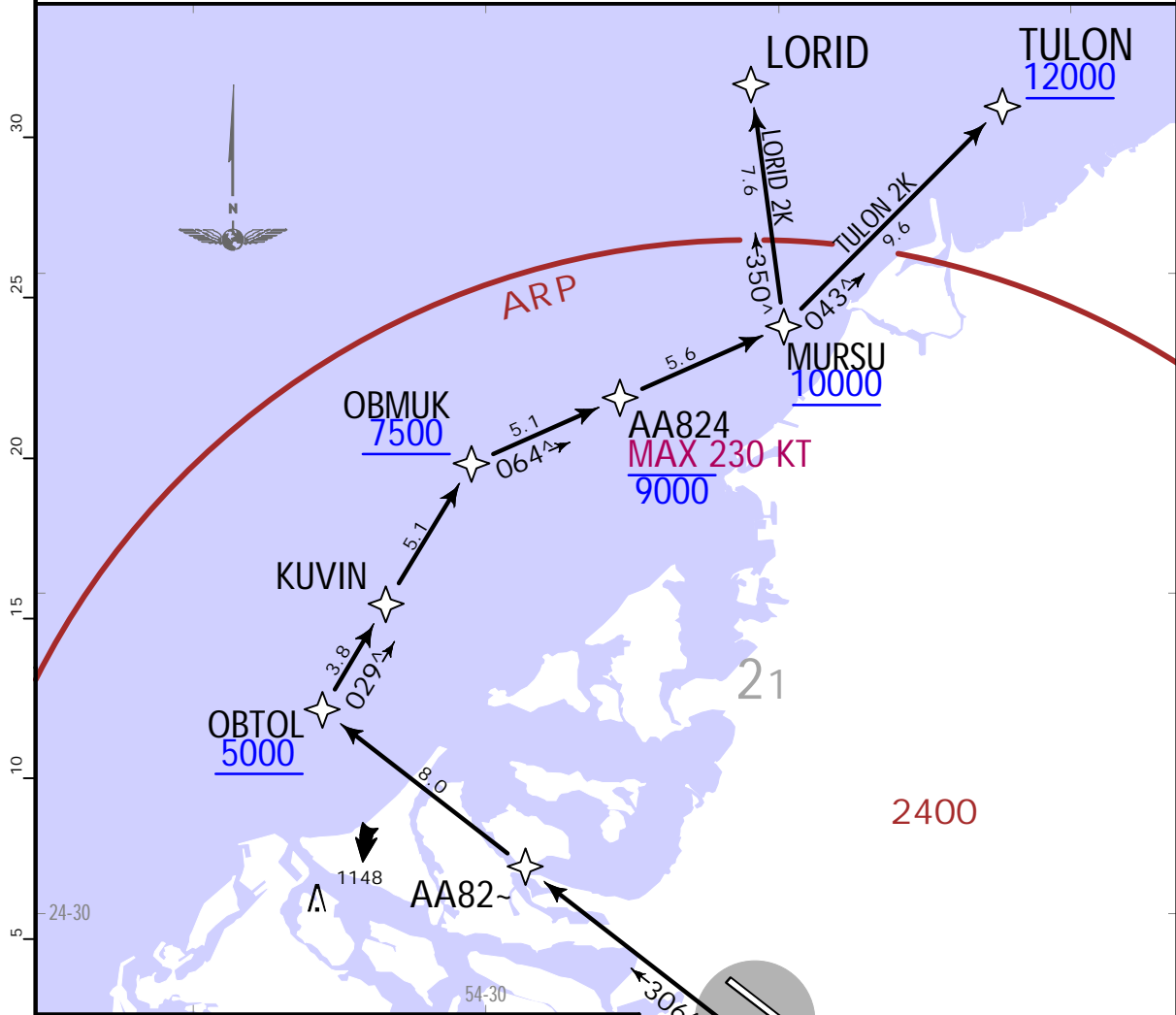
**JEPPESEN**  
 18 JAN 19 (10-3B) .Eff.31.Jan.

**ABU DHABI, UAE**  
 .RNAV.SID.

ABU DHABI Radar (W) <b>128.1</b>	Trans alt: 13000 1. RNAV 1 (GNSS) required. 2. Non-compliance with RNAV 1 (GNSS) requirements shall be reported on first contact with ABU DHABI Delivery. 3. On initial call a departing ACFT shall pass the following information to ABU DHABI APP: ACFT Callsign, passing level and SID designation. 4. Advise ATC at start-up if unable to comply. 5. Contact ABU DHABI Radar as soon as possible after passing 1000, unless otherwise instructed by ABU DHABI Tower. 6. Do not climb above ATC cleared level.
ABU DHABI Delivery <b>125.1</b>	
Apt Elev <b>83</b>	

**LORID 2K [LORI2K], TULON 2K [TULO2K]**  
**RWY 31L RNAV DEPARTURES**  
**.SPEED: MAX 250 KT BELOW 10000**

**SPEED RESTRICTION**  
 Additional speed restrictions may be applicable to achieve spacing requirements and will be instructed by ATC.



These SIDs require a minimum climb gradient of 300 per NM (5%) up to 8000.

Gnd speed-KT	75	100	150	200	250	300
300 per NM	375	500	750	1000	1250	1500

Also applicable when under radar control.

Initial climb clearance **5000**, further climb when instructed by ABU DHABI Radar

SID	ROUTING
LORID 2K	AA82- - OBTOL (5000+) - KUVIN - OBMUK (7500+) - AA824 (K230-; 9000-) - MURSU (10000+) - LORID.
TULON 2K	AA820 - OBTOL (5000+) - KUVIN - OBMUK (7500+) - AA824 (K230-; 9000-) - MURSU (10000+) - TULON (12000+).



**OMAA/AUH**  
**ABU DHABI INTL**

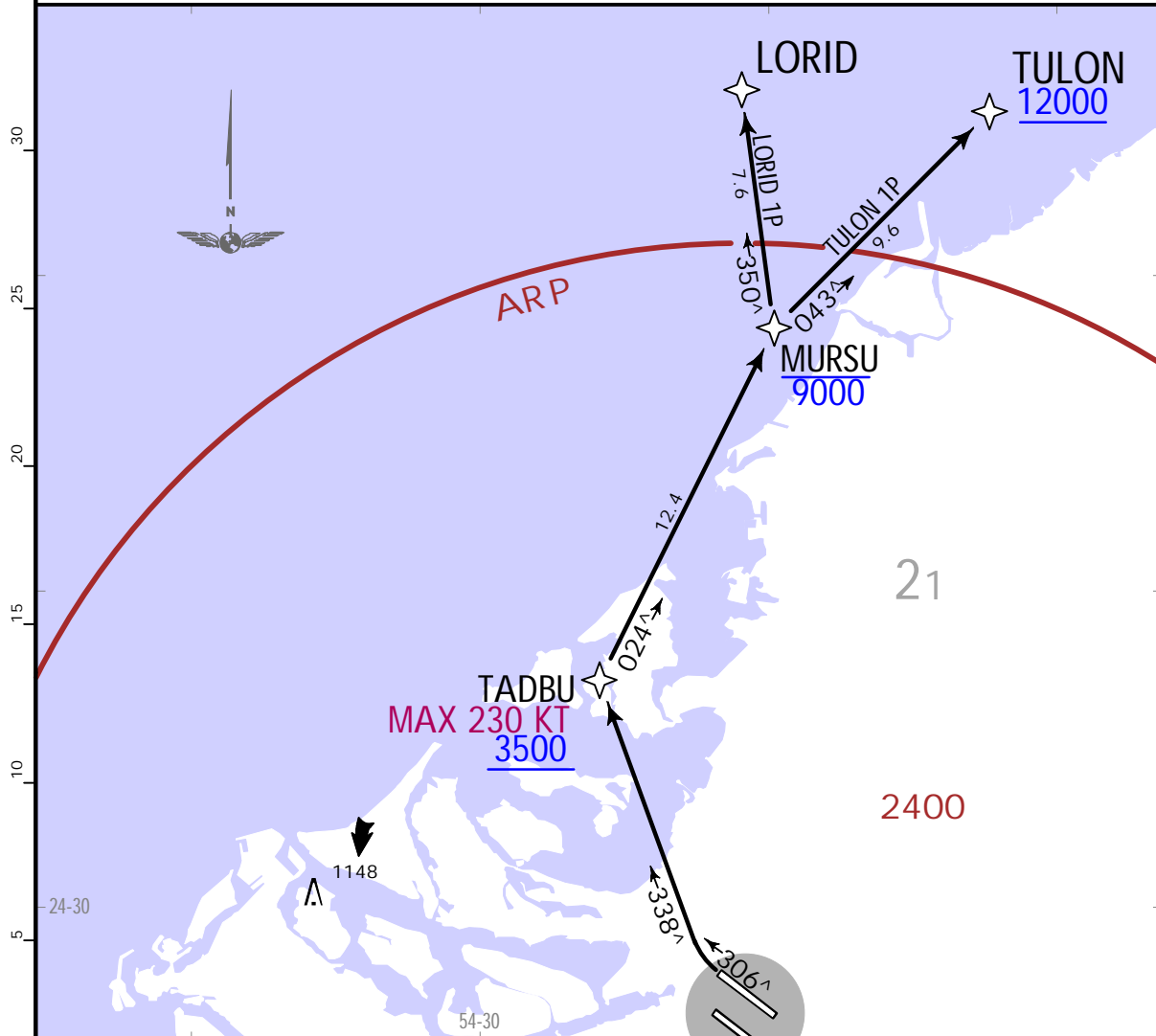
**JEPPESEN**  
 18 JAN 19 **(10-3C)** .Eff.31.Jan.

**ABU DHABI, UAE**  
**.RNAV.SID.**

ABU DHABI Radar (W) <b>128.1</b>	Trans alt: 13000 <b>1. RNAV 1 (GNSS) required.</b> 2. Non-compliance with RNAV 1 (GNSS) requirements shall be reported on first contact with ABU DHABI Delivery. 3. On initial call a departing ACFT shall pass the following information to ABU DHABI APP: ACFT Callsign, passing level and SID designation. 4. Advise ATC at start-up if unable to comply. 5. Contact ABU DHABI Radar as soon as possible after passing 1000, unless otherwise instructed by ABU DHABI Tower. 6. Do not climb above ATC cleared level.
ABU DHABI Delivery <b>125.1</b>	
Apt Elev <b>83</b>	

**LORID 1P [LORI1P], TULON 1P [TULO1P]**  
**RWY 31R RNAV DEPARTURES**  
**.SPEED: MAX 250 KT BELOW 10000**

**SPEED RESTRICTION**  
 Additional speed restrictions may be applicable to achieve spacing requirements and will be instructed by ATC.



These SIDs require a minimum climb gradient of 300 per NM (5%) up to 8000.

Gnd speed-KT	75	100	150	200	250	300
300 per NM	375	500	750	1000	1250	1500

Also applicable when under radar control.

Initial climb clearance 4000,  
 further climb when instructed by ABU DHABI Radar

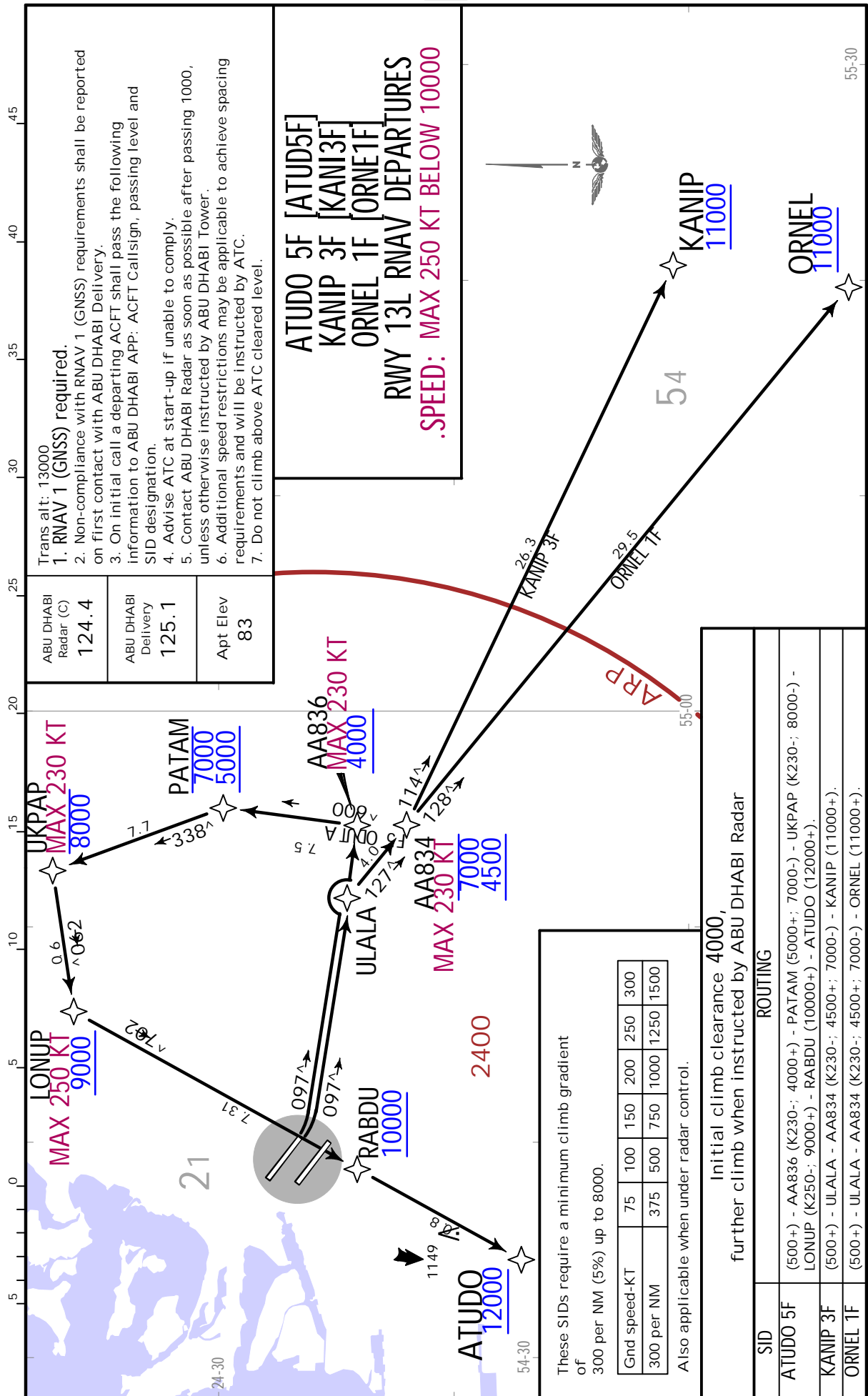
SID	ROUTING
LORID 1P	(570+) - TADBU (K230-; 3500+) - MURSU (9000-) - LORID.
TULON 1P	(570+) - TADBU (K230-; 3500+) - MURSU (9000-) - TULON (12000+).

# OMAA/AUH

ABU DHABI INTL

7 SEP 18 **10-3D** .Eff.13.Sep.

ABU DHABI, UAE  
.RNAV.SID.



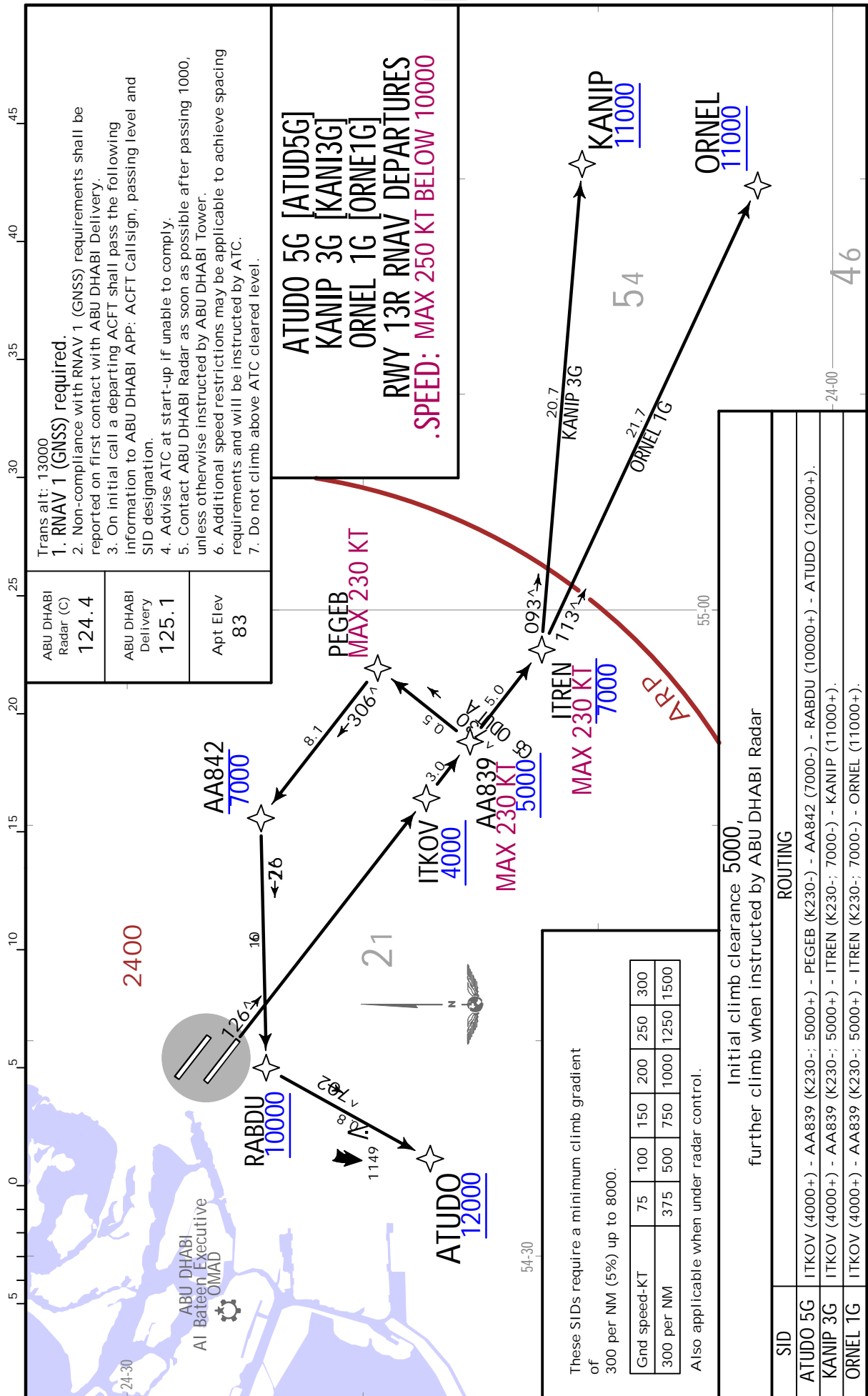
CHANGES: AA832 renamed RABDU; ATUDO 4F renumbered 5F.

# OMAA/AUH

ABU DHABI INTL

7 SEP 18 **10-3E** .Eff.13.Sep.

ABU DHABI, UAE  
.RNAV.SID.



OMAA/AUH  
ABU DHABI INTL

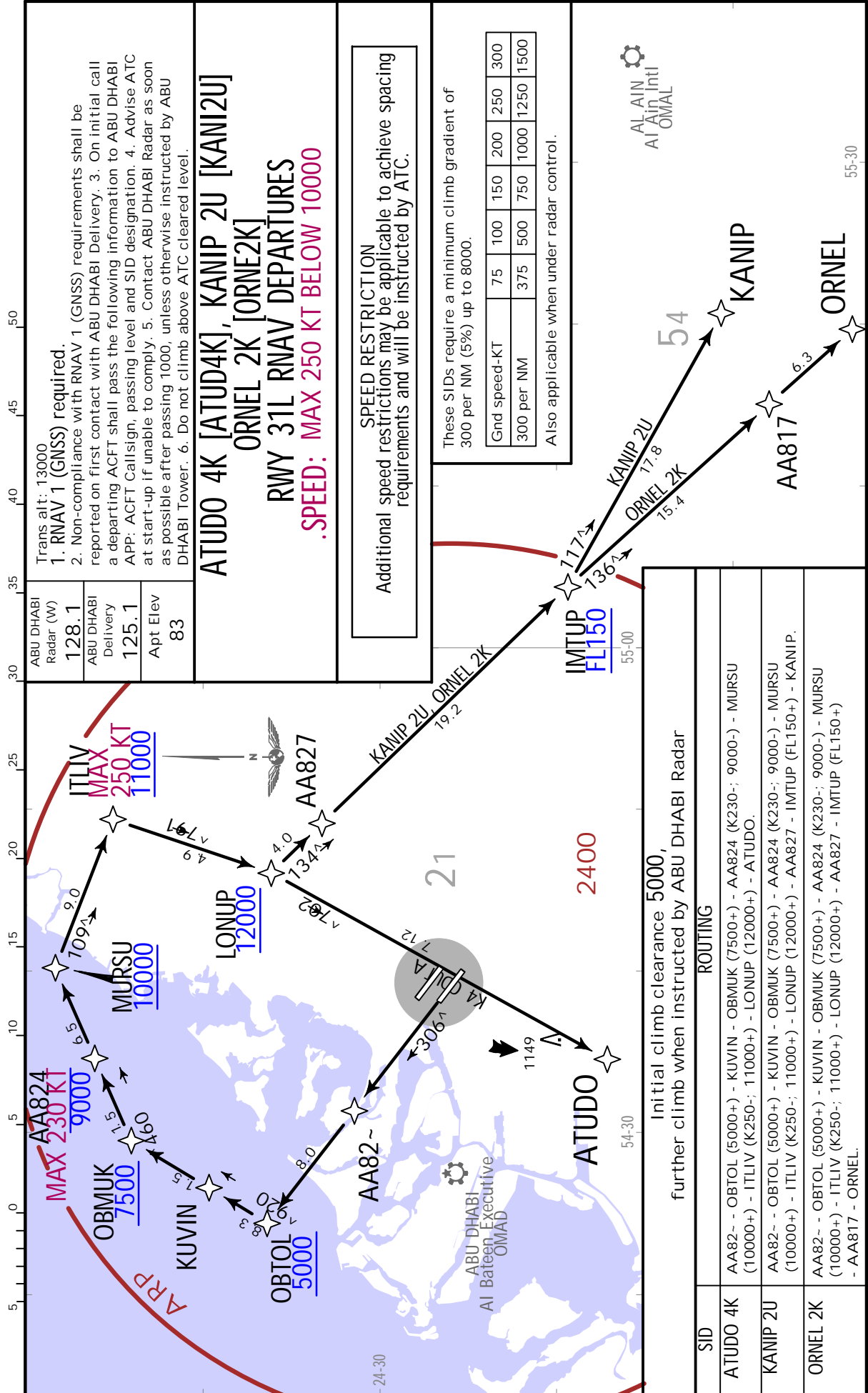


18 JAN 19

10-3F

.Eff.31.Jan.

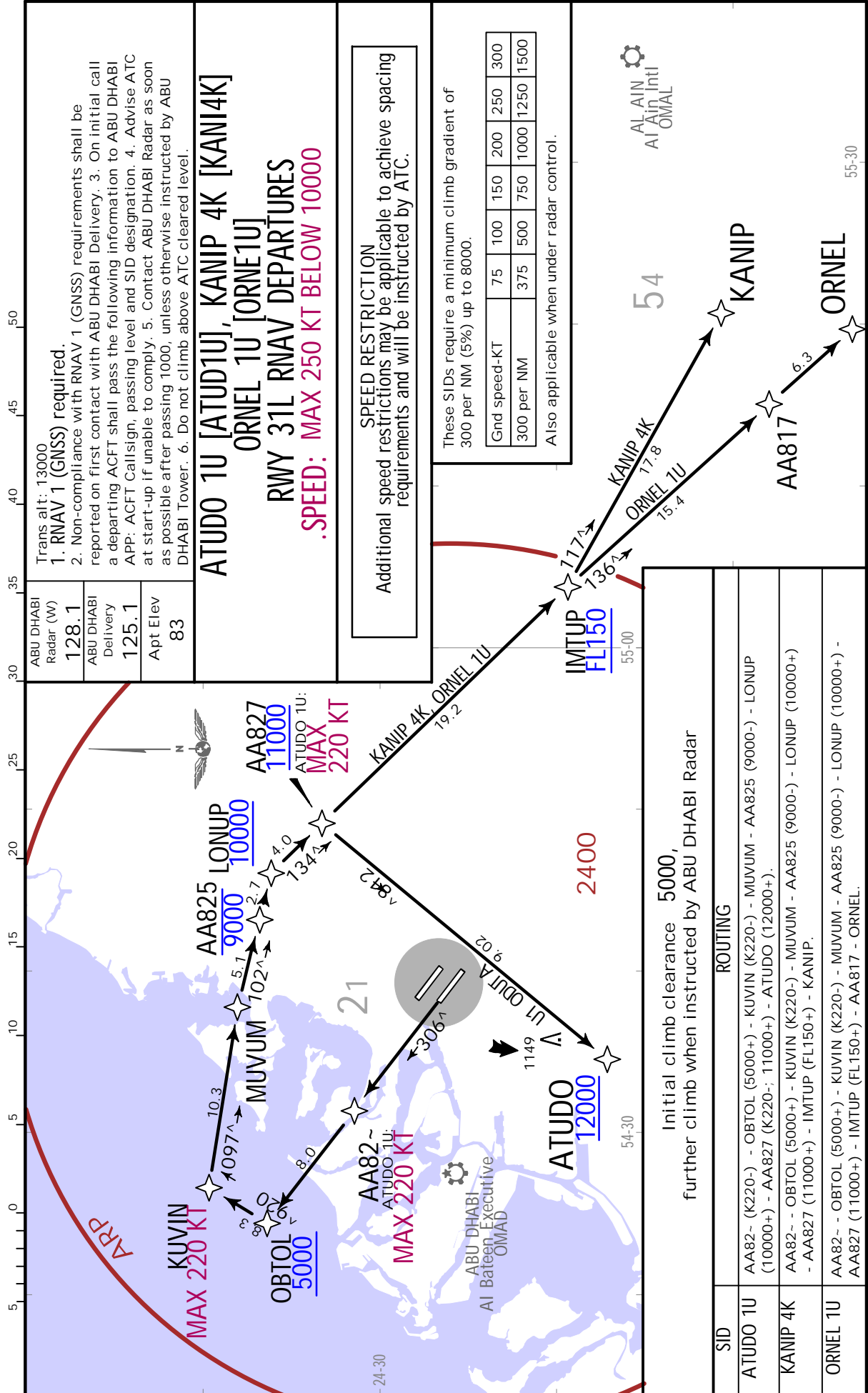
ABU DHABI, UAE  
.RNAV.SID.



OMAA/AUH  
ABU DHABI INTL

JEPPESEN  
18 JAN 19 10-3G .Eff.31.Jan.

ABU DHABI, UAE  
.RNAV.SID.

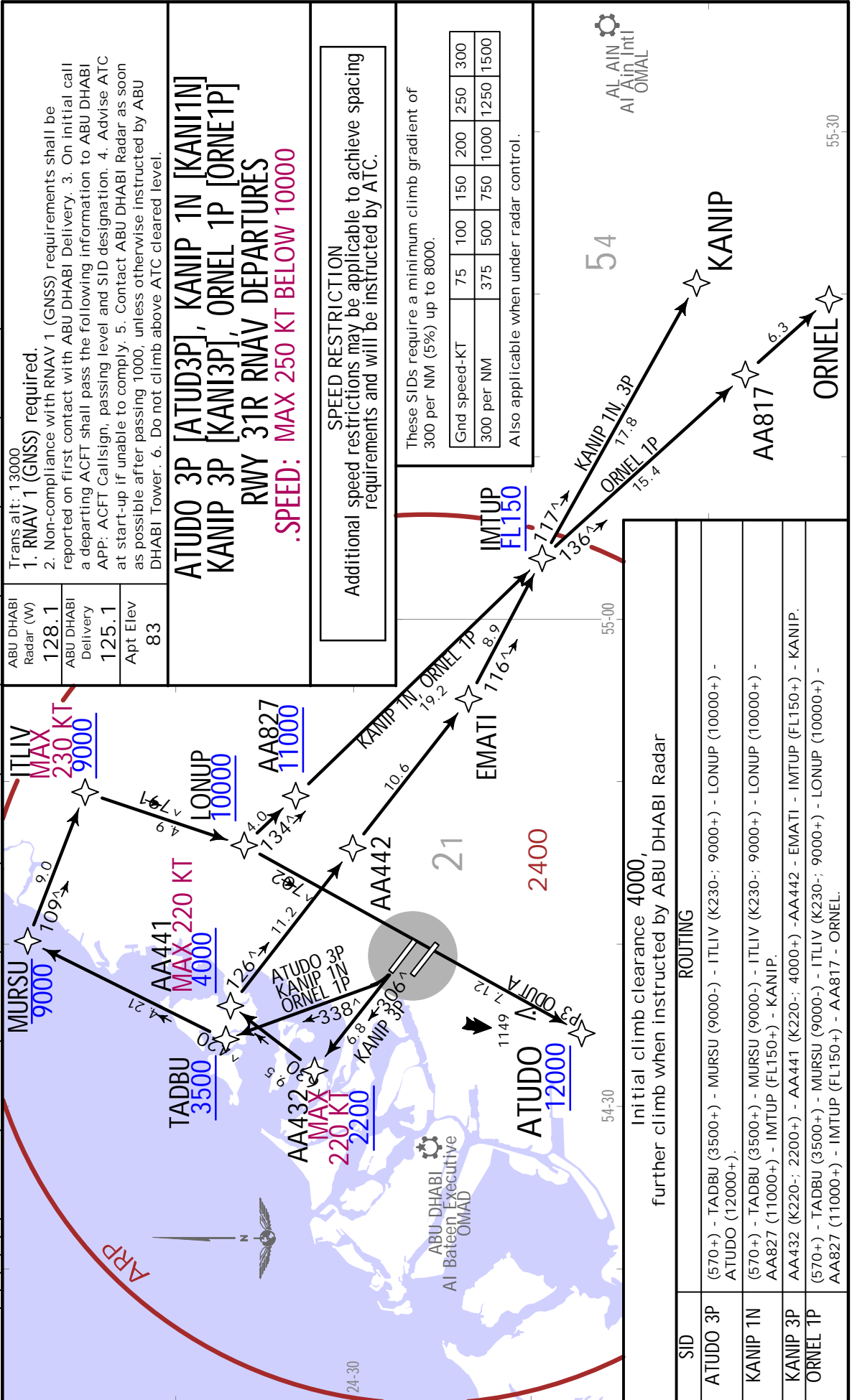


# OMAA/AUH

ABU DHABI INTL

18 JAN 19 (10-3G1) .Eff.31.Jan.

ABU DHABI, UAE  
.RNAV.SID.



# OMAA/AUH

## ABU DHABI INTL

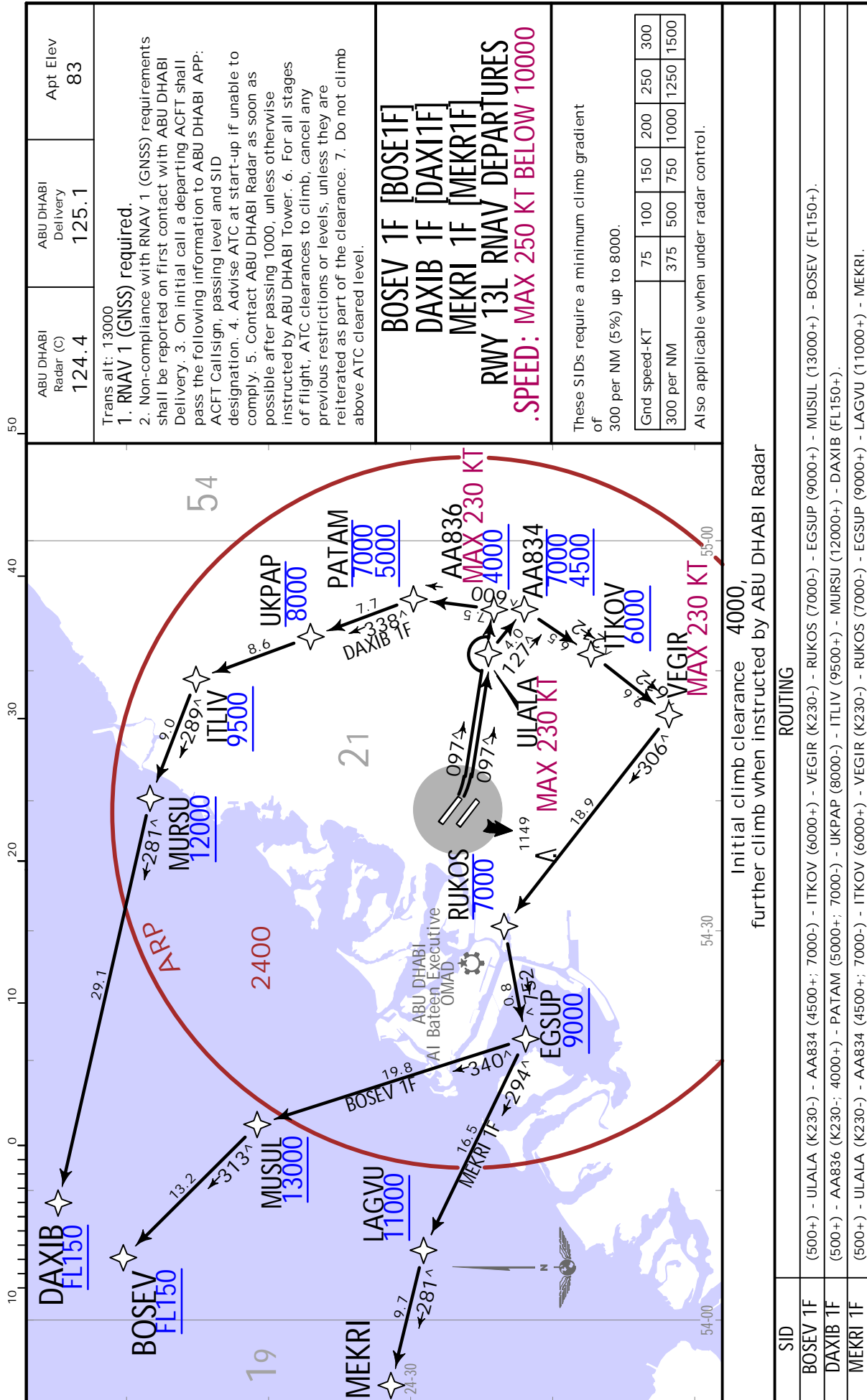


# ABU DHABI, UAE

## .RNAV.SID.

5 JAN 18

10-3H



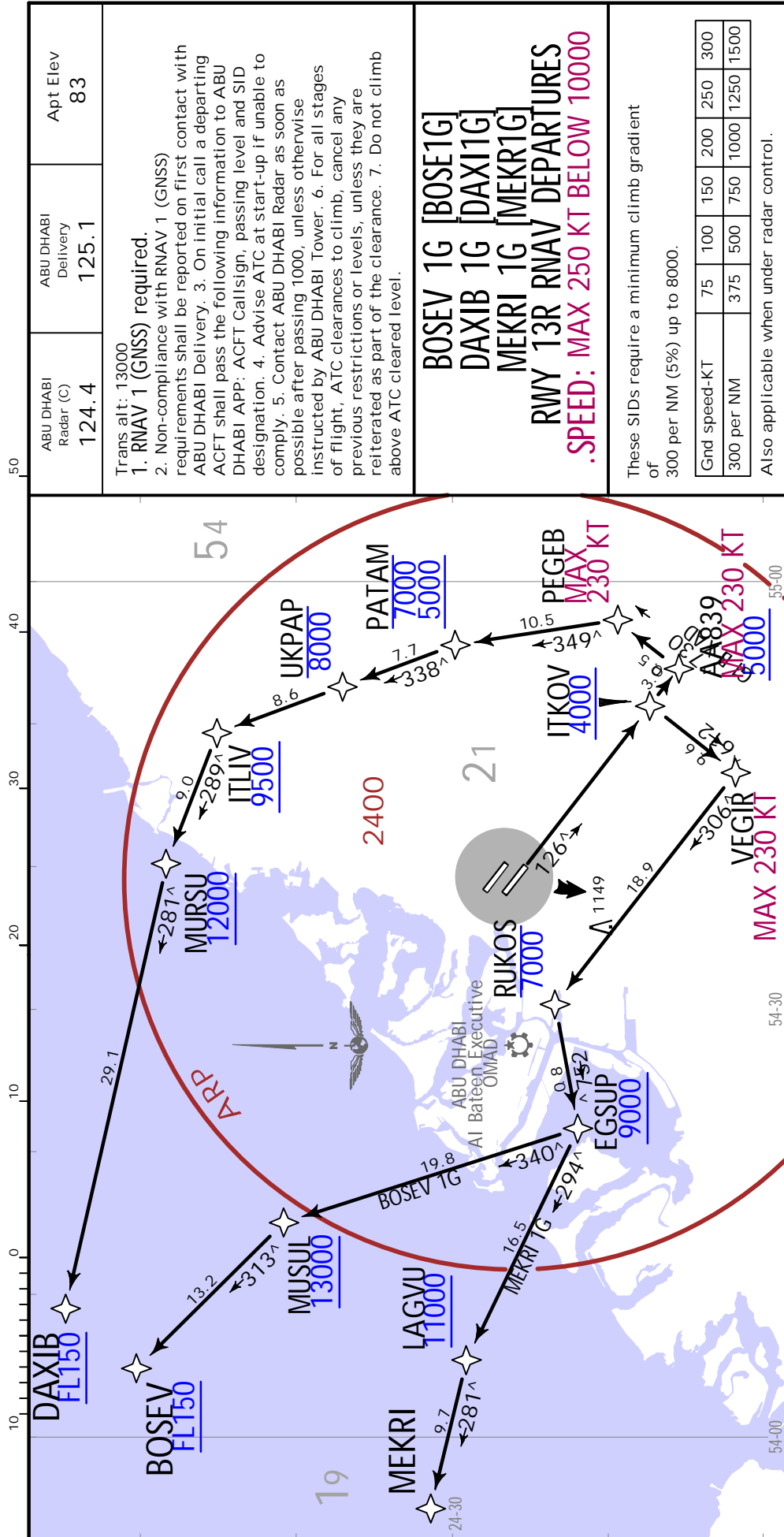
CHANGES: General notes & communications.

JEPPesen, 2017, 2018. ALL RIGHTS RESERVED.

OMAA/AUH  
ABU DHABI INTL

JEPPesen  
5 JAN 18 (10-3J)

ABU DHABI, UAE  
.RNAV.SID.



Initial climb clearance 5000, further climb when instructed by ABU DHABI Radar

ROUTING

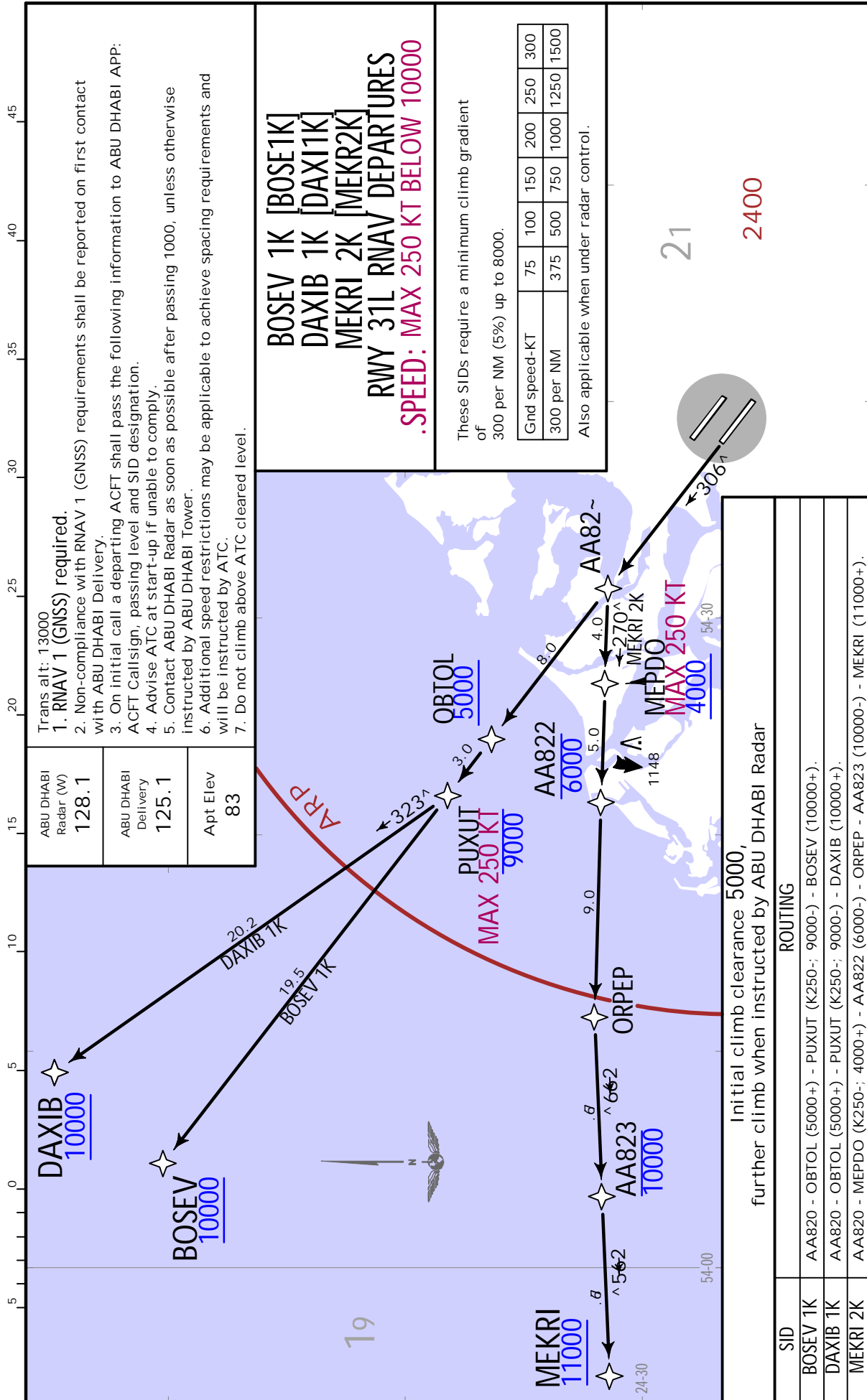
SID	ROUTING
BOSEV 1G	ITKOV (4000+) - VEGIR (K230-) - RUKOS (7000-) - EGSUP (9000+) - MUSUL (13000+) - BOSEV (FL150+).
DAXIB 1G	ITKOV (4000+) - AA-839 (K230-) - PEGEB (K230-) - PATAM (5000+) - UKPAP (8000-) - ITLIV (9500+) - DAXIB (FL150+).
MEKRI 1G	ITKOV (4000+) - VEGIR (K230-) - RUKOS (7000-) - EGSUP (9000+) - LAGVU (11000+) - MEKRI.



**OMAA/AUH**  
ABU DHABI INTL

18 MAY 18 **JEPPESEN** 10-3K .Eff.24.May.

**ABU DHABI, UAE**  
.RNAV.SID.



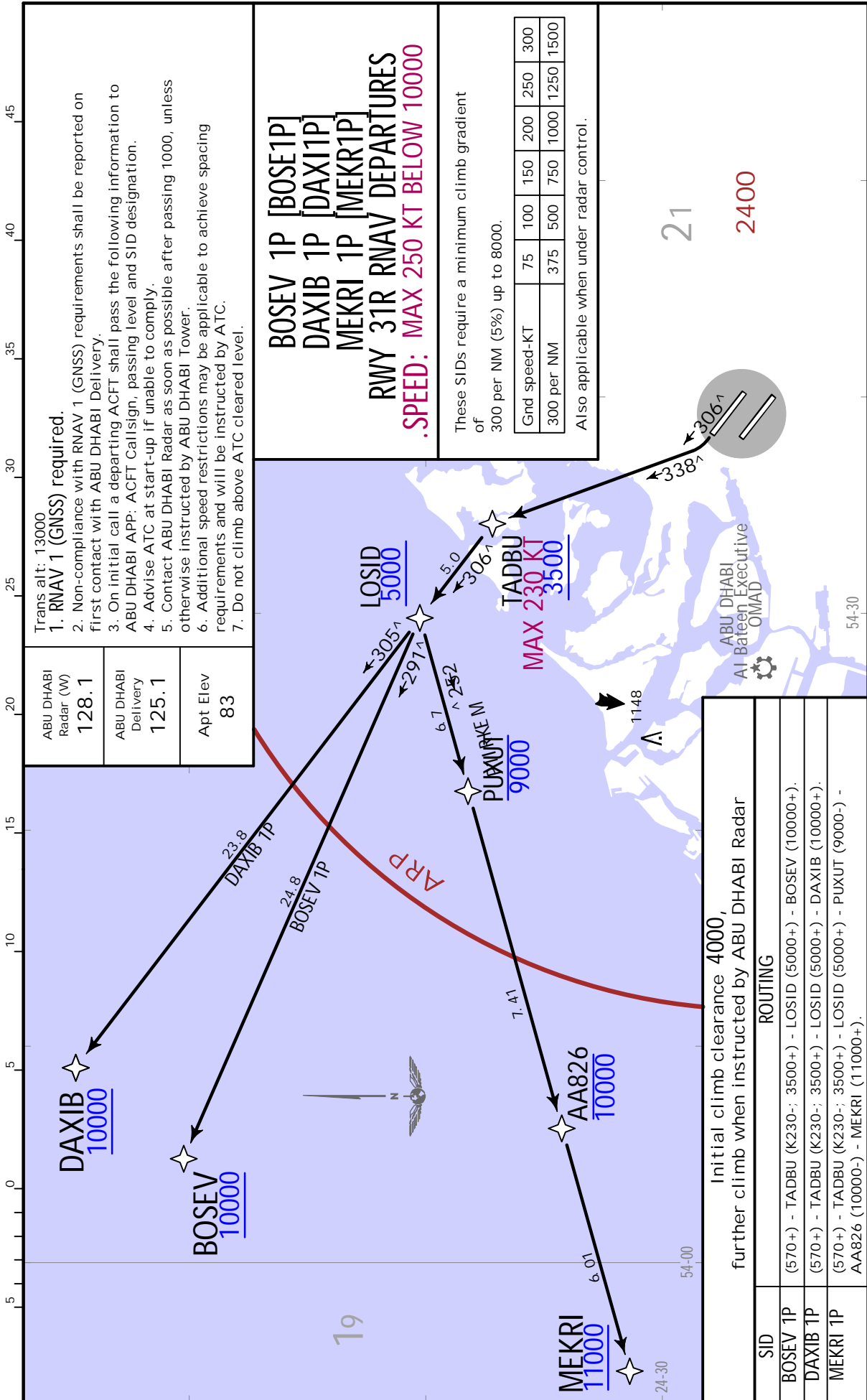
CHANGES: MEKRI 1K renumbered 2K & revised, general note 6 revised.

**OMAA/AUH**  
ABU DHABI INTL

**JEPPESEN**

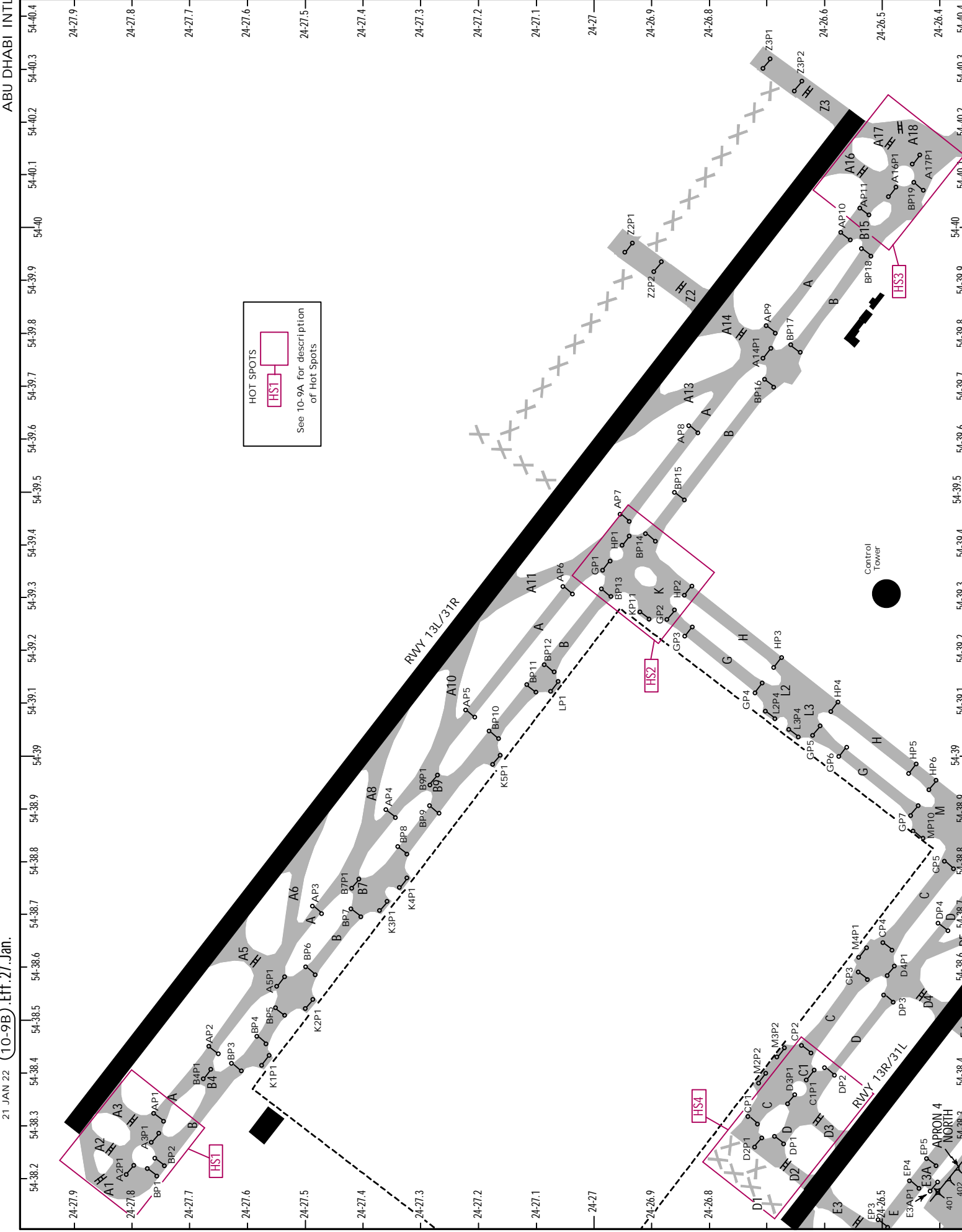
**ABU DHABI, UAE**  
.RNAV.SID.


18 MAY 18 (10-3L) .Eff.24.May.

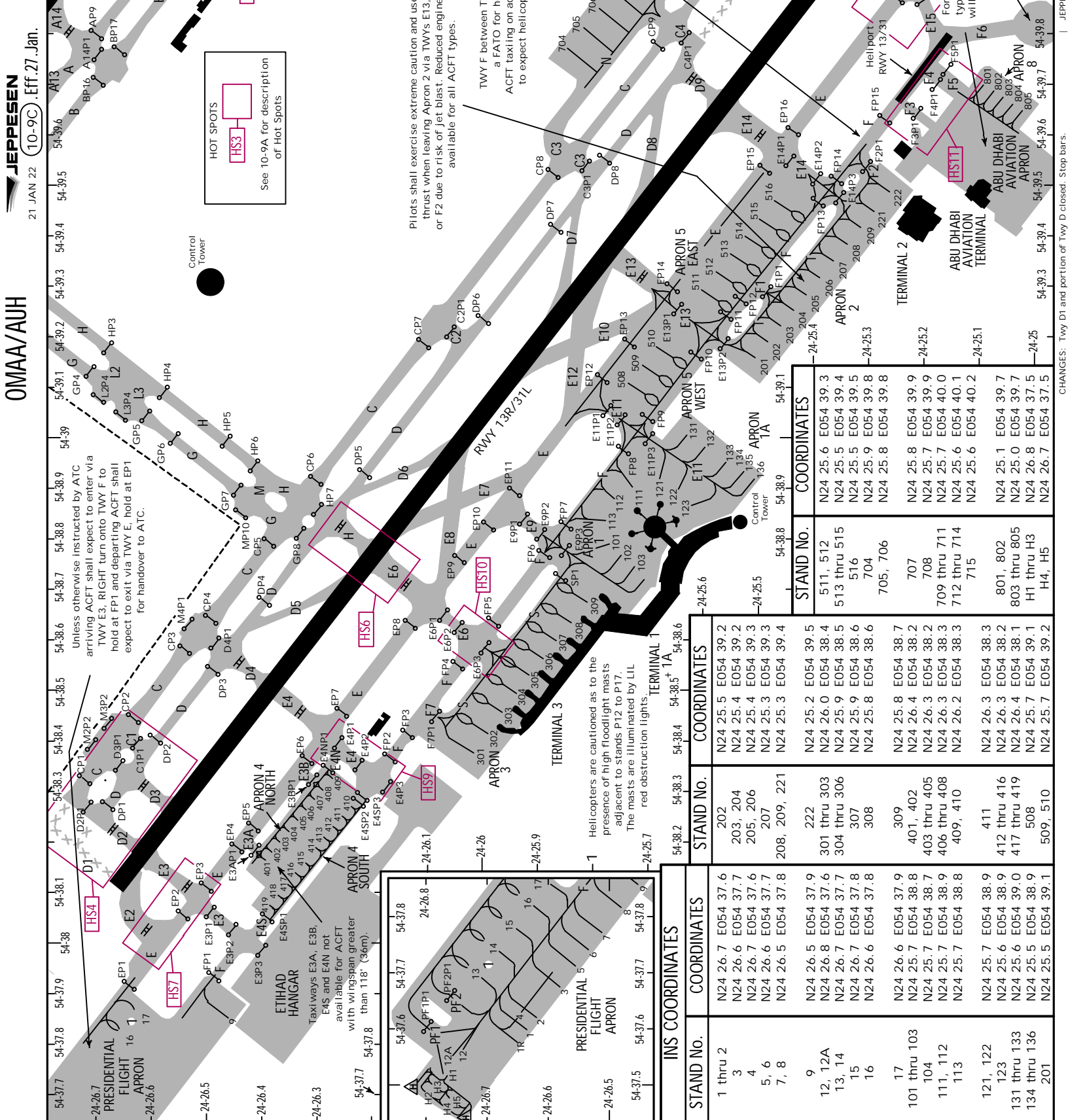




ADDITIONAL RUNWAY INFORMATION										
RWY						USABLE LENGTHS		TAKE-OFF	WIDTH	
						LANDING BEYOND				
						Threshold	Glide Slope			
13L	HIRL (30m) CL (15m) HIALS-II SFL REIL 1 RVR							12,418' 3785m	3	197' 60m
31R	HIRL (30m) CL (15m) HIALS-II SFL REIL 2 RVR									
<p>1 TDZ PAPI (angle 3.0°) HSTIL - A11, A13</p> <p>2 TDZ PAPI (angle 3.0°) HSTIL - A6, A8, A10</p> <p>3 TAKE-OFF RUN AVAILABLE</p> <p>RWY 13L: From rwy head 13,451' (4100m) twy A5 int 10,965' (3342m)</p> <p>RWY 31R: From rwy head 13,451' (4100m) twy A14 int 10,935' (3333m) twy Z2 int 10,876' (3315m) twy Z1 int 8458' (2578m)</p>										
13R	HIRL (60m) CL (15m) HIALS SFL REIL 4 RVR							12,438' 3791m	6	197' 60m
31L	HIRL (60m) CL (15m) HIALS-II SFL REIL 5 RVR							12,316' 3754m		
<p>4 PAPI (angle 3.0°) HSTIL - E7, E10</p> <p>5 TDZ PAPI (angle 3.0°) HSTIL - E8, E12</p> <p>6 TAKE-OFF RUN AVAILABLE</p> <p>RWY 13R: From rwy head 13,471' (4106m) twy D2/E3 int 13,045' (3976m) twy D3 int 12,477' (3803m) twy D4/E4 int 10,748' (3276m) twy E6/H int 8891' (2710m)</p> <p>RWY 31L: From rwy head 13,471' (4106m) twy D10 int 13,084' (3988m) twy D9/E14 int 10,942' (3335m) twy E13 int 8888' (2709m) twy H int 4665' (1422m) twy E6 4659' (1420m)</p>										
H13	7 H31									56' 17m
<p>7 FATO is restricted to day time operations only.</p> <h3 style="text-align: center;">HOT SPOTS</h3> <p>For information only, not to be construed as ATC instructions.</p> <p><b>HS1</b> Increased risk of Rwy incursions within the Rwy hold area.</p> <p><b>HS2</b> Potential for Rwy incursion due to Twy A11 junction with Twy G and H.</p> <p><b>HS3</b> Potential for Twy incursion due to RET A11, Twy G and H junctions with Twy A and B. Potential for Twy incursion due to vehicle crossing on Twy G and H.</p> <p><b>HS4</b> Increased risk of Rwy incursions within the Rwy hold area.</p> <p><b>HS5</b> Potential for Rwy incursion due to Twy complexity and traffic flow.</p> <p><b>HS6</b> Potential for Rwy incursion due to holding points set further back from the previous location.</p> <p><b>HS7</b> The intersections of Twy H and E6 with Rwy 13R/31L have high traffic volume of ACFT and vehicles crossing and, or, vacating the Rwy.</p> <p><b>HS8</b> Increased risk of Rwy incursions within the Rwy hold area.</p> <p><b>HS9</b> Increased risk of Twy incursion at the junction of Twy E and Twy E15.</p> <p><b>HS10</b> A trend of misroute at this junction, pilots to exercise more caution and increase situational awareness.</p> <p><b>HS11</b> The intersections with Twy E4N and E4S have high traffic volume of ACFT entering and exiting Apron 4. Potential for Twy incursion due to vehicle crossing on TWY E4S.</p> <p><b>HS12</b> Increased risk of TWY incursion at the junction of Twy E6 and Twy F.</p> <p><b>HS13</b> A trend of misroute at this junction, pilots to exercise more caution and increase situational awareness.</p> <p><b>HS14</b> A history of incidents between ACFT and Ground Service Equipment due to vehicle crossing on Twy F3, F4 and F5, pilots to exercise more caution and increase situational awareness.</p>										
.Standard.							TAKE-OFF			
Low Visibility Take-off										
	1 HIRL, CL & relevant RVR	RL, CL & relevant RVR	RL & CL	Day: RL & RCLM Night: RL or CL	Day: RL or RCLM Night: RL or CL	Adequate vis ref (Day only)				
A										
B	TDZ, MID, RO	TDZ, MID, RO								
C	RVR 125m	RVR 150m	RVR 200m	RVR 300m	400m	500m				
D										
1 RWY 13L, 31R, 31L: RVR 75m with approved guidance system or HUD/HUDLS.										

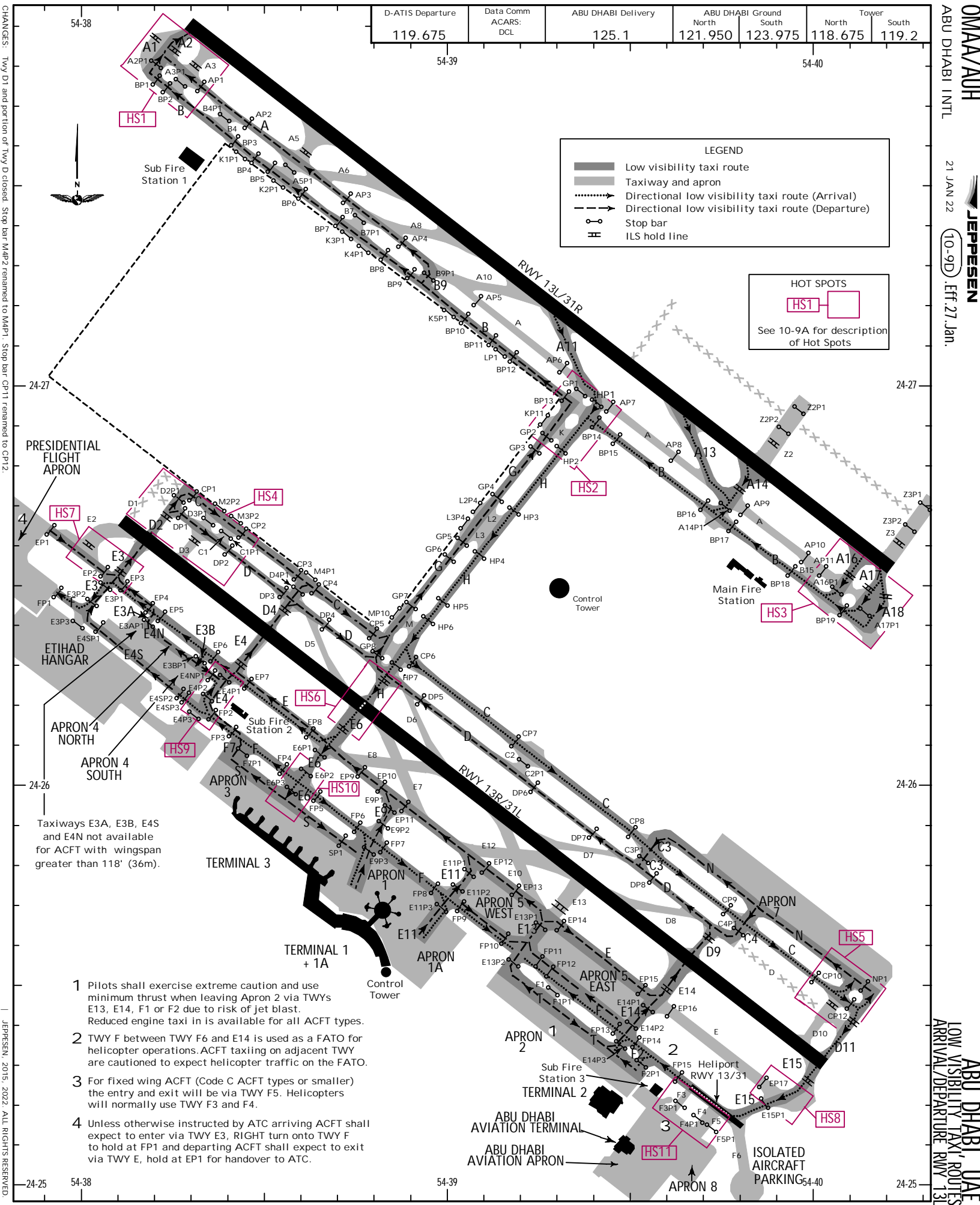


HOT SPOTS  
  
 See 10-9A for description  
 of Hot Spots



INS COORDINATES		COORDINATES	
STAND No.	COORDINATES	STAND No.	COORDINATES
1 thru 2	N24 26.7 E054 37.6	202	N24 25.2 E054 39.5
3	N24 26.6 E054 37.7	203, 204	N24 26.0 E054 38.4
4	N24 26.6 E054 37.6	205, 206	N24 25.4 E054 39.2
5, 6	N24 26.6 E054 37.7	207	N24 25.9 E054 38.5
7, 8	N24 26.5 E054 37.8	208, 209, 221	N24 25.3 E054 39.3
9	N24 26.5 E054 37.9	222	N24 25.3 E054 39.4
12, 12A	N24 26.8 E054 37.6	301 thru 303	N24 25.2 E054 39.5
13, 14	N24 26.7 E054 37.7	304 thru 306	N24 26.0 E054 38.4
15	N24 26.7 E054 37.8	307	N24 25.9 E054 38.5
16	N24 26.6 E054 37.8	308	N24 25.9 E054 38.6
17	N24 26.6 E054 37.8	309	N24 25.8 E054 38.6
101 thru 103	N24 26.6 E054 37.9	309	N24 25.8 E054 38.7
104	N24 25.7 E054 38.8	401, 402	N24 26.4 E054 38.2
111, 112	N24 25.7 E054 38.9	403 thru 405	N24 26.3 E054 38.2
113	N24 25.7 E054 38.8	406 thru 408	N24 26.3 E054 38.3
121, 122	N24 25.7 E054 38.8	409, 410	N24 26.2 E054 38.3
123	N24 25.7 E054 38.9	411	N24 26.3 E054 38.3
131 thru 133	N24 25.6 E054 39.0	412 thru 416	N24 26.3 E054 38.2
134 thru 136	N24 25.5 E054 38.9	417 thru 419	N24 26.4 E054 38.1
	N24 25.5 E054 38.9	508	N24 25.7 E054 39.1
201	N24 25.5 E054 39.1	509, 510	N24 25.7 E054 39.2

STAND NO.		COORDINATES	
STAND No.	COORDINATES	STAND No.	COORDINATES
511, 512	N24 25.6 E054 39.3	705, 706	N24 25.8 E054 39.8
513 thru 515	N24 25.5 E054 39.4	707	N24 25.8 E054 39.9
516	N24 25.5 E054 39.5	708	N24 25.7 E054 39.9
704	N24 25.9 E054 39.8	709 thru 711	N24 25.7 E054 40.0
	N24 25.9 E054 39.8	712 thru 714	N24 25.6 E054 40.1
	N24 25.8 E054 39.8	715	N24 25.6 E054 40.2
	N24 25.8 E054 39.9	801, 802	N24 25.1 E054 39.7
	N24 25.7 E054 39.9	803 thru 805	N24 25.0 E054 39.7
	N24 25.7 E054 40.0	H1 thru H3	N24 26.8 E054 37.5
	N24 25.6 E054 40.1	H4, H5	N24 26.7 E054 37.5
	N24 25.6 E054 40.2		



CHANGES: TWY D1 and portion of TWY D closed. Stop bar M4P2 remained to M4P1. Stop bar CP11 remained to CP12.

ABU DHABI INTL  
21 JAN 22  
JEPPESSEN  
10-9D Eff. 27 Jan.  
ABU DHABI IAE  
LOW VISIBILITY TAXI ROUTES  
ARRIVAL/DEPARTURE RWY 13L

- 1 Pilots shall exercise extreme caution and use minimum thrust when leaving Apron 2 via TWYs E13, E14, F1 or F2 due to risk of jet blast. Reduced engine taxi in is available for all ACFT types.
- 2 TWY F between TWY F6 and E14 is used as a FATO for helicopter operations. ACFT taxiing on adjacent TWY are cautioned to expect helicopter traffic on the FATO.
- 3 For fixed wing ACFT (Code C ACFT types or smaller) the entry and exit will be via TWY F5. Helicopters will normally use TWY F3 and F4.
- 4 Unless otherwise instructed by ATC arriving ACFT shall expect to enter via TWY E3, RIGHT turn onto TWY F to hold at FP1 and departing ACFT shall expect to exit via TWY E, hold at EP1 for handover to ATC.

Taxiways E3A, E3B, E4S and E4N not available for ACFT with wingspan greater than 118' (36m).

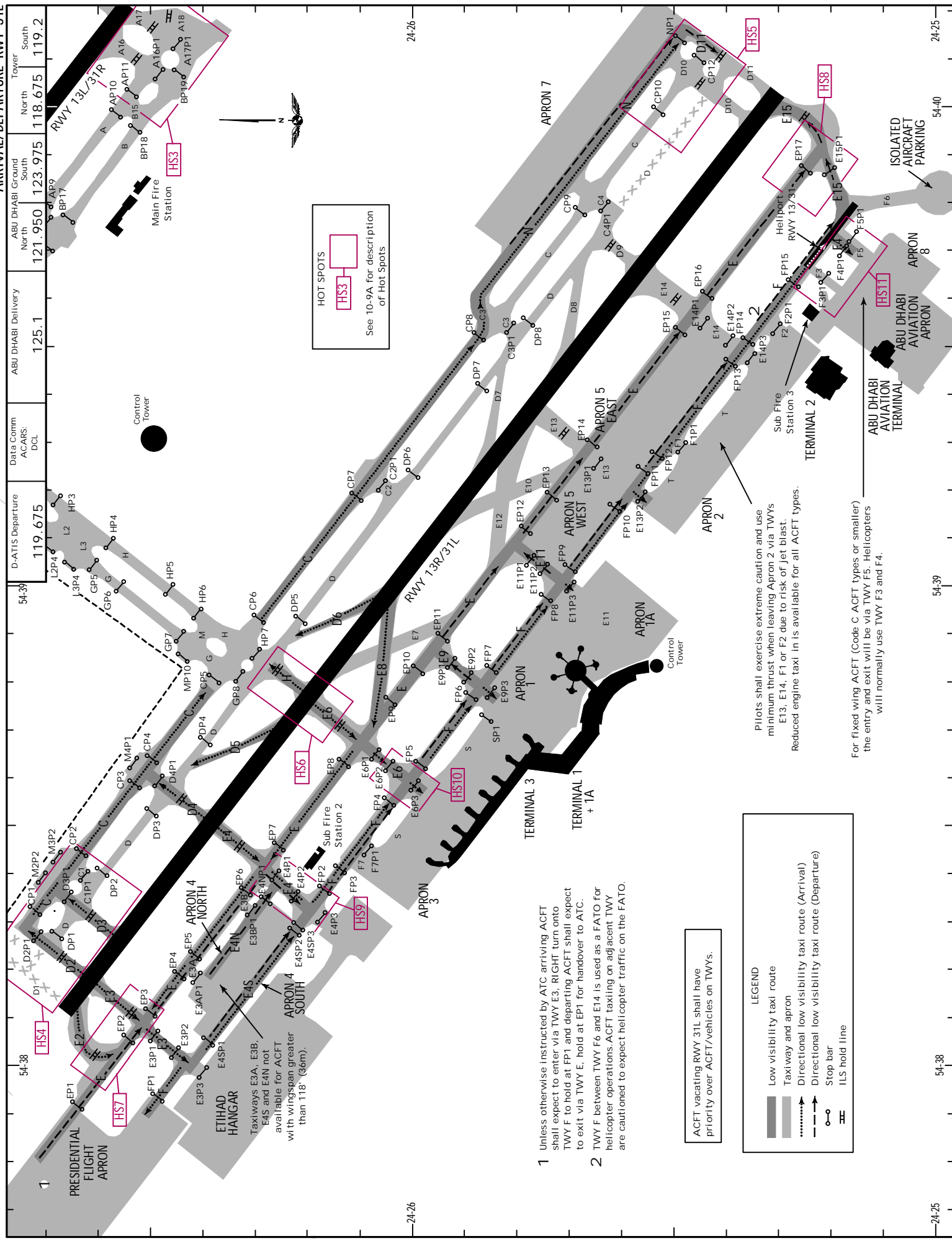
**HOT SPOTS**  
HS1  
See 10-9A for description of Hot Spots

**LEGEND**

- Low visibility taxi route
- Taxiway and apron
- Directional low visibility taxi route (Arrival)
- Directional low visibility taxi route (Departure)
- Stop bar
- ILS hold line

**OMAA/AUH**  
**ABU DHABI INTL**  
**21 JAN 22**  
**EFF. 27 JAN.**  
**10-9E**

**JEPPESEN**  
**ABU DHABI DELIVERY**  
**LOW VISIBILITY TAXI ROUTES**  
**ARRIVAL/DEPARTURE RWY 31L**



**HOT SPOTS**  
 See 10-9A for description of Hot Spots

**LEGEND**

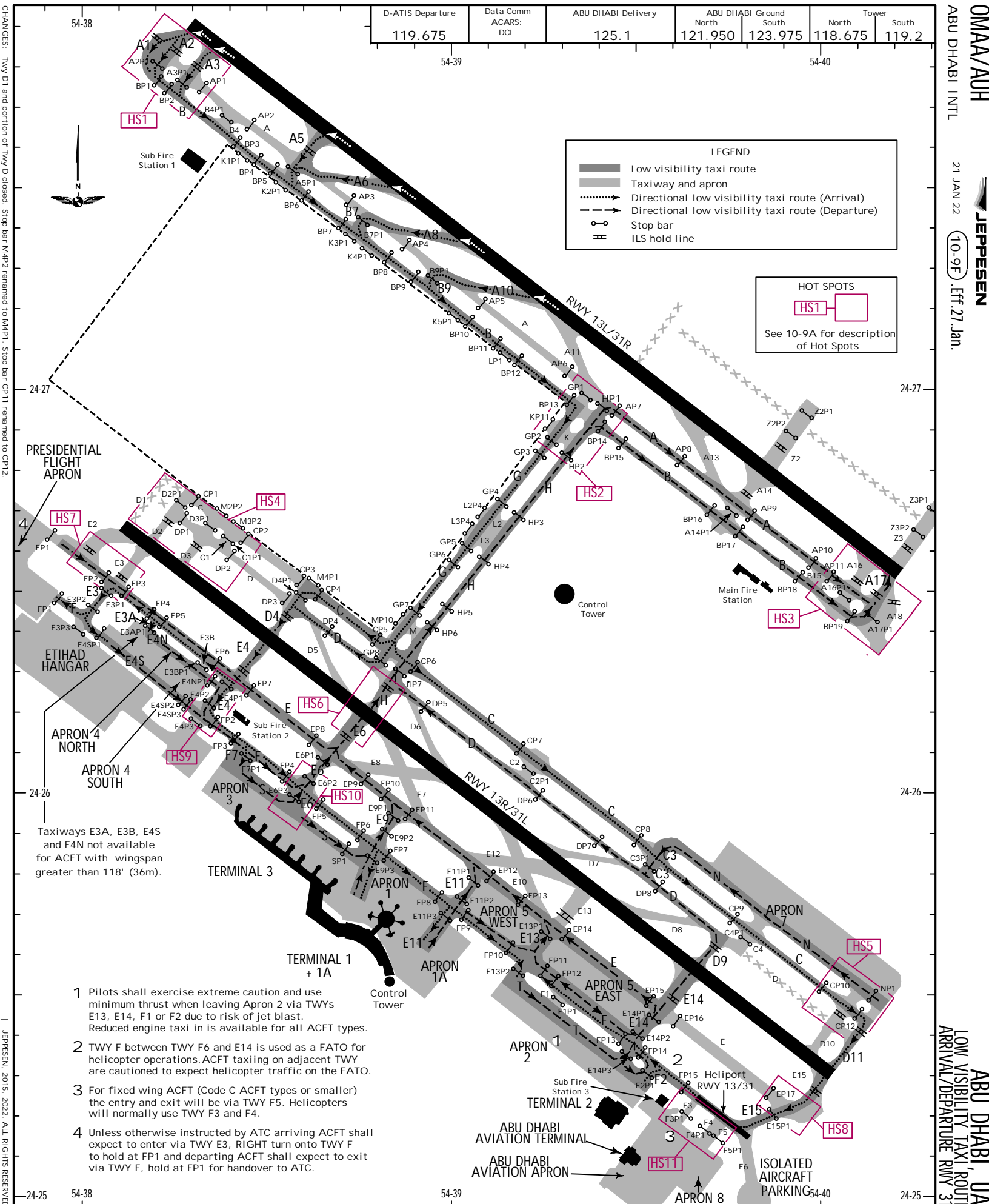
- Low visibility taxi route
- Taxiway and apron
- Directional low visibility taxi route (Arrival)
- Directional low visibility taxi route (Departure)
- Stop bar
- ILS hold line

- Unless otherwise instructed by ATC arriving ACFT shall expect to enter via TWY E3. RIGHT turn onto TWY F to hold at FP1 and departing ACFT shall expect to exit via TWY E, hold at EP1 for handover to ATC.
- TWY F between TWY F6 and E14 is used as a FATO for helicopter operations. ACFT taxiing on adjacent TWY are cautioned to expect helicopter traffic on the FATO.

Pilots shall exercise extreme caution and use minimum thrust when leaving Apron 2 via TWYs E13, E14, F1 or F2 due to risk of jet blast.  
 Reduced engine taxi in is available for all ACFT types.

For fixed wing ACFT (Code C ACFT types or smaller) the entry and exit will be via TWY F5. Helicopters will normally use TWY F3 and F4.





CHANGES: TWY D1 and portion of TWY D closed. Stop bar M4P2 remained to M4P1. Stop bar CP11 remained to CP12.

OMAA/AUH  
21 JAN 22  
JEPPESSEN  
10-9F EFF 27 Jan.  
ABU DHABI I NTL  
ABU DHABI UAE  
LOW VISIBILITY TAXI ROUTES  
ARRIVAL/DEPARTURE RWY 31R

# OMAA/AUH

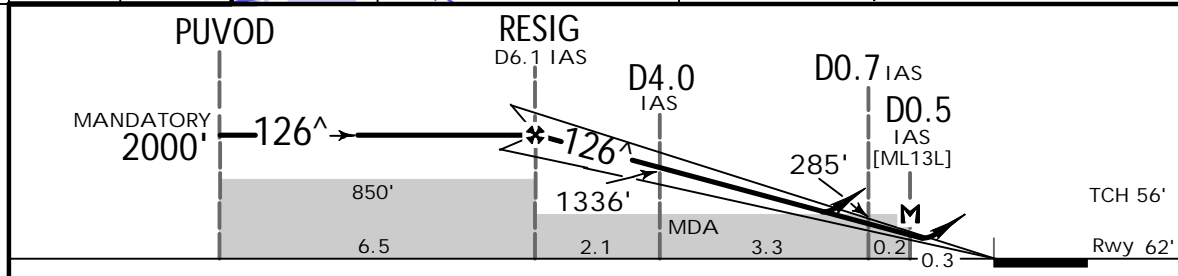
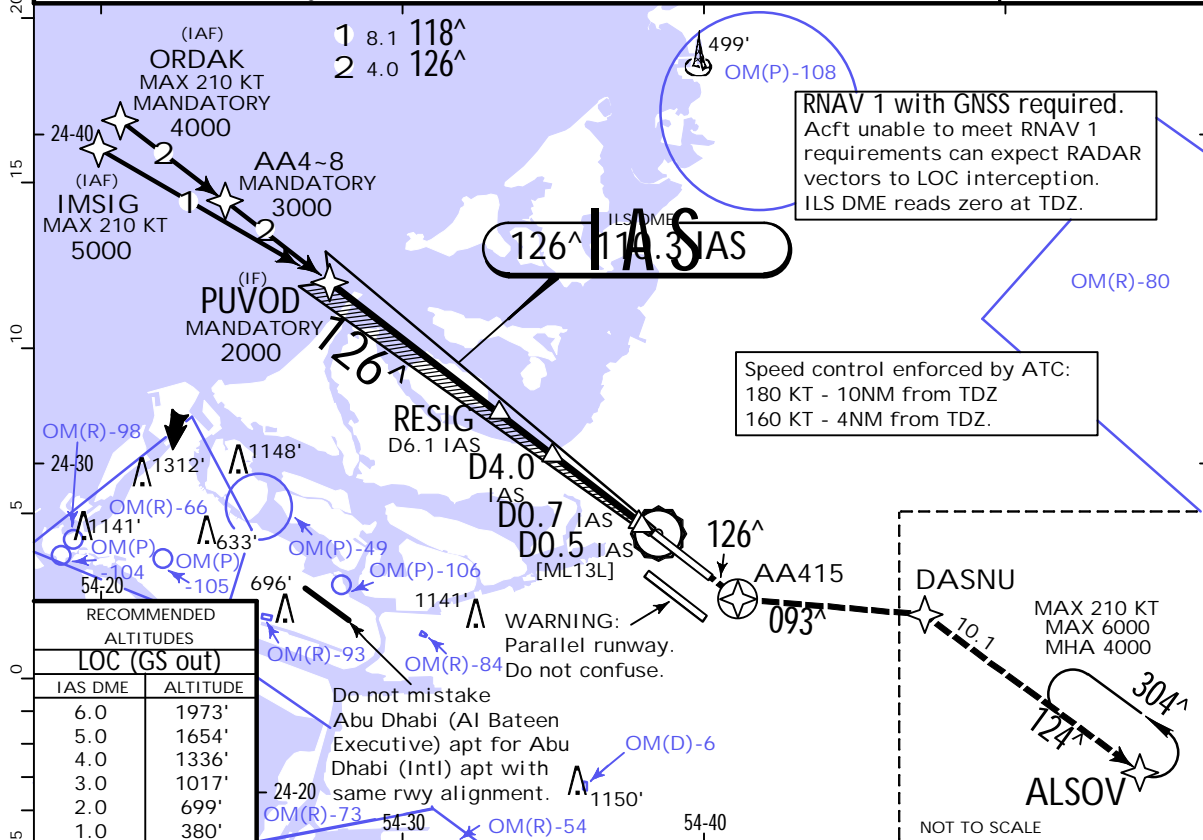
## ABU DHABI INTL

**JEPPESEN**  
20 JAN 23 (11-1). Eff. 26. Jan.

# ABU DHABI, UAE

## ILS Rwy 13L

BRIEFING STRIP	D-ATIS Arrival	Central	*North	ABU DHABI Radar(APP) East	*West
	119.975	124.4	135.150	132.675	133.550
	ABU DHABI Director North South		ABU DHABI Tower North South		Ground
	118.425	118.0	118.675	119.2	121.950
	LOC IAS	Final Apch Crs	RESIG MANDATORY	ILS DA(H)	Apt Elev 83' Rwy 62'
	110.3	126^	2000' (1938')	262' (200')	
MISSED APCH: Climb STRAIGHT AHEAD to AA415. Fly over AA415 and turn LEFT (MAX 210 KT) on track 093^ to DASNU, then turn RIGHT to ALSOV climbing to 4000' and hold.					
Alt Set: hPa		Rwy Elev: 2 hPa	Trans level: FL150	Trans alt: 13000'	MSA ARP



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II REIL PAPI	210 KT AA415 MAX
GS	3.00^	372	478	531	637	849		

PANS OPS	Standard. ILS STRAIGHT-IN LANDING RWY 13L			CIRCLE-TO-LAND		
	LOC (GS out)			Not authorized Southwest of runway		
	CDFA					
	DA(H) 262' (200')			DA/MDA(H) 570' (508')		
	FULL	IDZ or CL out	ALS out		ALS out	
A				RVR 1500m		Max Kts
B	RVR 550m	RVR 550m 1	RVR 1200m			100
C						135
D				RVR 1600m	RVR 2400m	180
						205
						750' (667')
						1500m
						750' (667')
						1600m
						850' (767')
						2400m
						850' (767')
						3600m

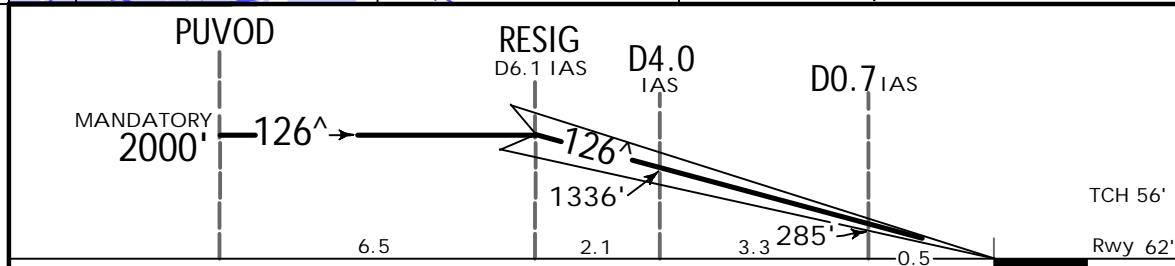
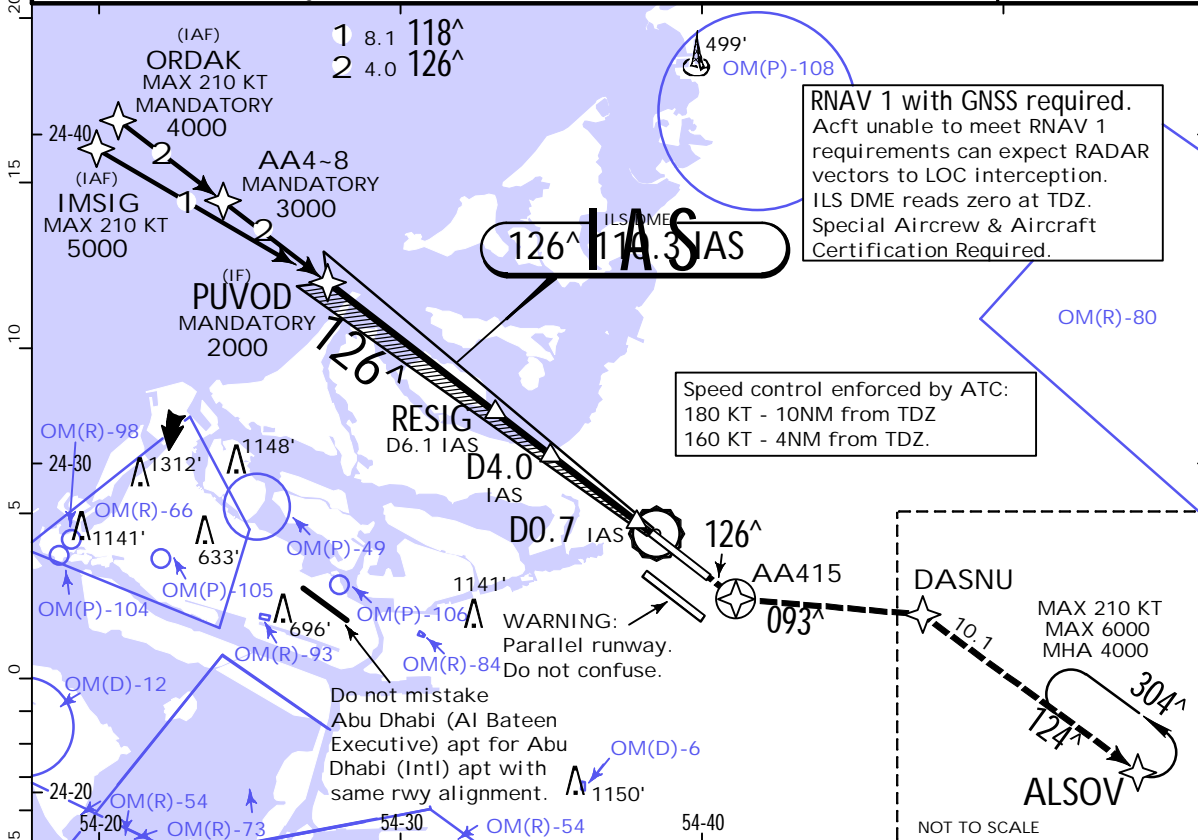
1 RVR 750m when a Flight Director or Autopilot or HUD to DA is not used.

**OMAA/AUH**  
ABU DHABI INTL

**JEPPESEN**  
20 JAN 23  
Eff. 26 Jan. (11-1A)

**ABU DHABI, UAE**  
CAT II/III ILS Rwy 13L

D-ATIS Arrival		Central	*North	ABU DHABI Radar(APP) East	*West
119.975		124.4	135.150	132.675	133.550
ABU DHABI Director North		ABU DHABI Director South	ABU DHABI Tower North		Ground South
118.425		118.0	118.675		119.2
121.950		123.975			
LOC IAS	Final Apch Crs	RESIG MANDATORY	CAT IIIB, IIIA & II ILS Refer to Minimums	Apt Elev 83'	2400
110.3	126^	2000' (1938')		Rwy 62'	
MISSED APCH: Climb STRAIGHT AHEAD to AA415. Fly over AA415 and turn LEFT (MAX 210 KT) on track 093^ to DASNU, then turn RIGHT to ALSOV climbing to 4000' and hold.					
Alt Set: hPa		Rwy Elev: 2 hPa	Trans level: FL150	Trans alt: 13000'	MSA ARP



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II REIL PAPI	210 KT MAX	AA415 ↑
GS	3.00^	372	478	531	637	743			

.Standard. STRAIGHT-IN LANDING RWY 13L		
CAT IIIB ILS	CAT IIIA ILS	CAT II ILS
	DH 50'	RA 107' DA(H) 162' (100')
RVR 75m	RVR 200m	RVR 300m

# OMAA/AUH

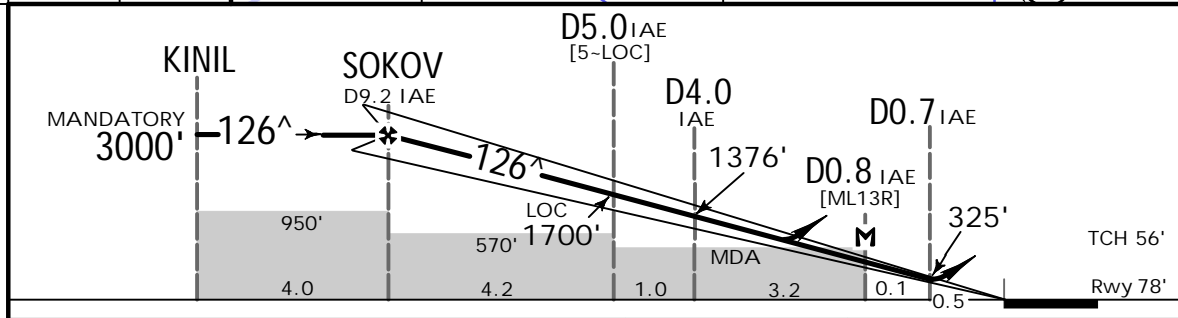
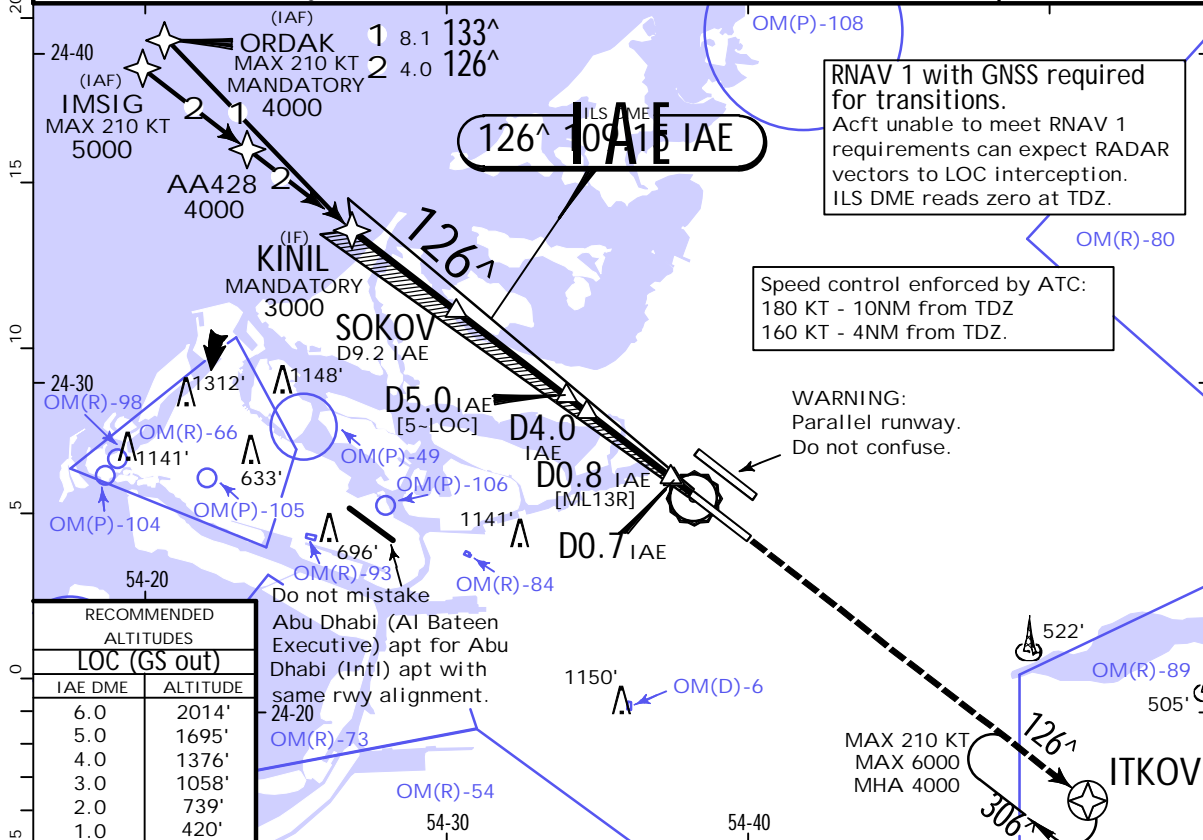
## ABU DHABI INTL

**JEPPESEN**  
20 JAN 23 (11-2). Eff. 26. Jan.

# ABU DHABI, UAE

## ILS Rwy 13R

D-ATIS Arrival <b>119.975</b>	Central <b>124.4</b>	*North <b>135.150</b>	ABU DHABI Radar(APP) East <b>132.675</b>	<b>133.550</b>	*West <b>128.1</b>
ABU DHABI Director North <b>118.425</b> South <b>118.0</b>		ABU DHABI Tower North <b>118.675</b> South <b>119.2</b>		Ground North <b>121.950</b>	South <b>123.975</b>
LOC IAE <b>109.15</b>	Final Apch Crs <b>126^</b>	SOKOV MANDATORY <b>3000'</b> (2922')	ILS DA(H) <b>278'</b> (200')	Apt Elev 83' Rwy 78'	2400
MISSED APCH: Climb STRAIGHT AHEAD to ITKOV and hold. Climb to 4000'.					
Alt Set: hPa		Rwy Elev: 3 hPa	Trans level: FL150	Trans alt: 13000'	MSA ARP



Gnd speed-Kts	70	90	100	120	140	160	HIALS REIL PAPI 4000' ITKOV	
ILS GS	3.00^	372	478	531	637	743		849
LOC Descent Angle	3.05^	378	486	540	648	755		863

PANS OPS	Standard ILS				STRAIGHT-IN LANDING RWY 13R LOC (GS out)		CIRCLE-TO-LAND	
	DA(H) 278' (200')		With D5.0 IAE CDEA 510' (432')		W/o D5.0 IAE CDEA 570' (492')		Not authorized Southwest of runway	
	FULL		ALS out		ALS out		Max Kts	MDA(H) VIS
	A			RVR 1500m	RVR 1500m		100	750' (667') 1500m
B	RVR 550m 1	RVR 1200m	RVR 1300m			135	750' (667) 1600m	
C			RVR 2000m	RVR 1500m	RVR 2300m	180	850' (767') 2400m	
D						205	870' (787') 3600m	

# OMAA/AUH

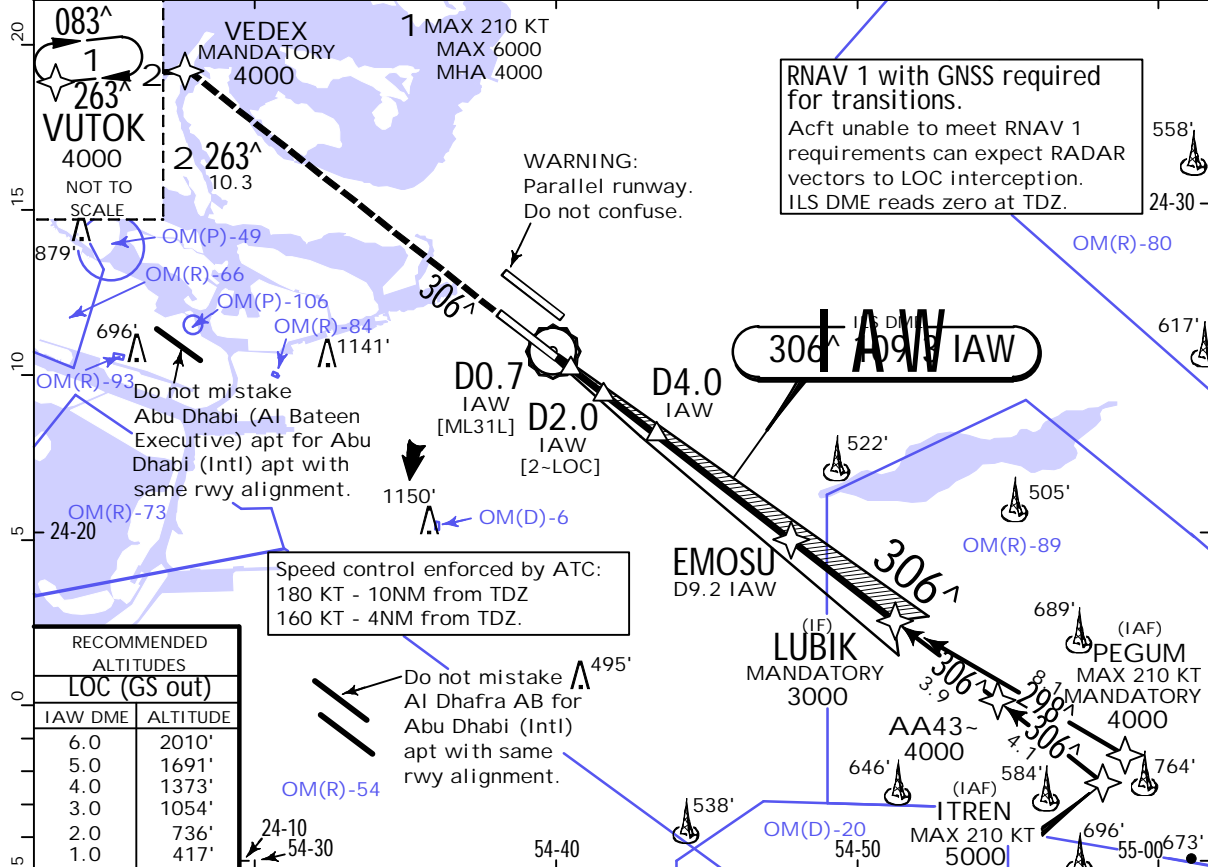
## ABU DHABI INTL

**JEPPESEN**  
20 JAN 23 (11-3). Eff. 26. Jan.

# ABU DHABI, UAE

## ILS Rwy 31L

BRIEFING STRIP™	D-ATIS Arrival	Central	*North	ABU DHABI Radar(APP)			ABU DHABI Director	
	119.975	124.4	135.150	132.675	133.550	128.1	North 118.425	South 118.0
	North		South		North		South	
	118.675		119.2		121.950		123.975	
LOC	Final	EMOSU		ILS	Apt Elev	83'		
IAW	Apch Crs	MANDATORY		DA(H)	Rwy	83'		
109.3	306^	3000' (2917')		283' (200')				
MISSED APCH: Climb STRAIGHT AHEAD to VEDEX (at 4000'), then turn LEFT (MAX 210 KT) to VUTOK and hold. Climb to 4000'.								
Alt Set: hPa		Rwy Elev: 3 hPa		Trans level: FL150		Trans alt: 13000'		
MSA ARP								



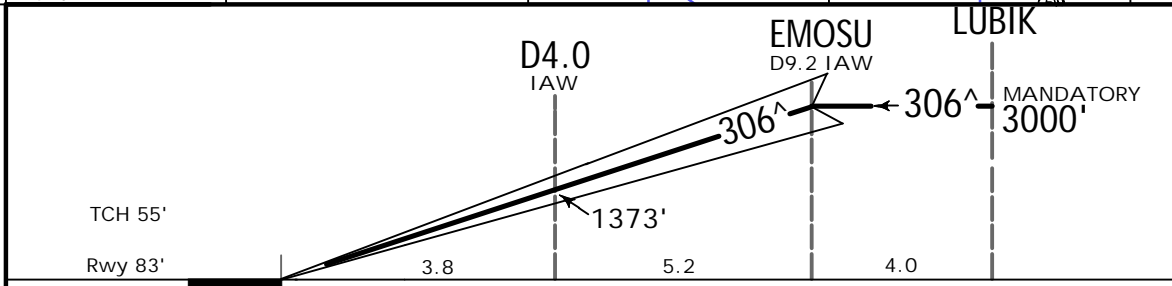
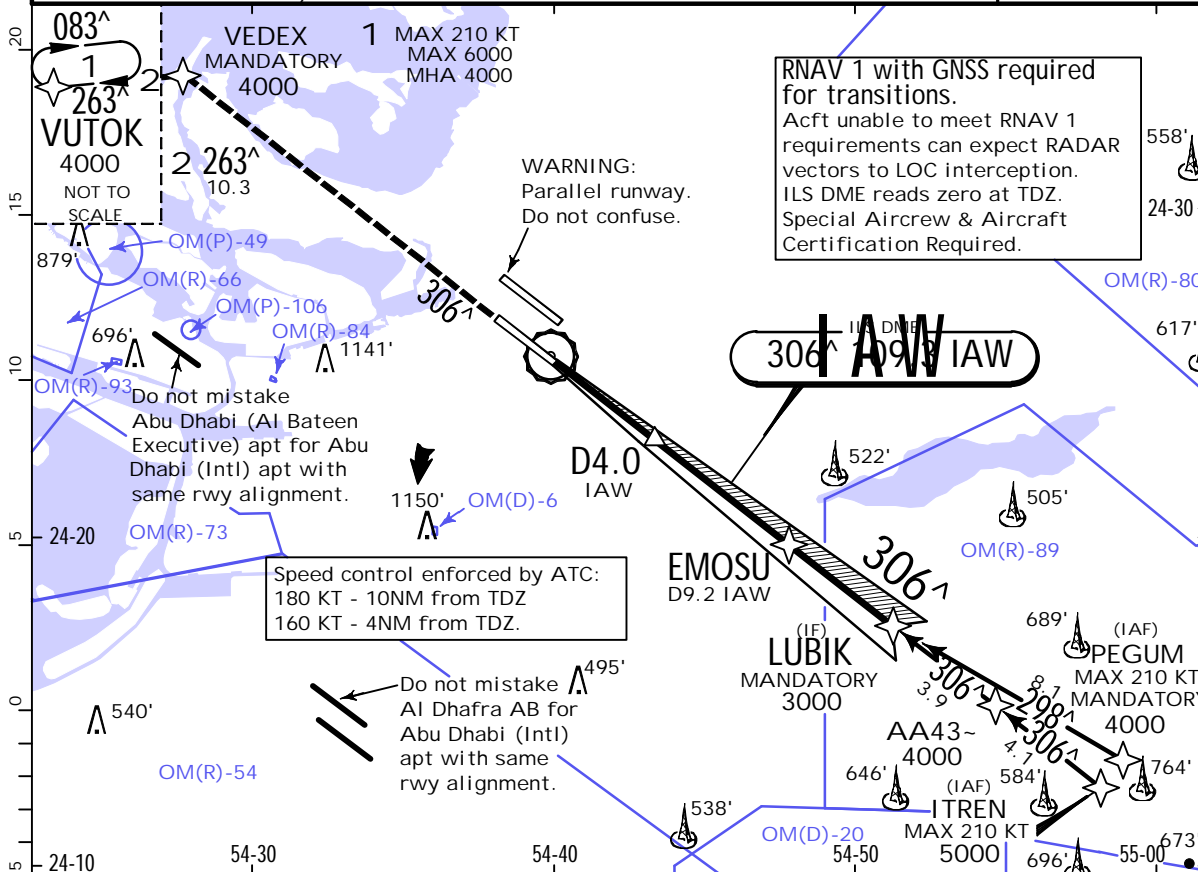
PANS OPS	Standard. ILS		STRAIGHT-IN LANDING RWY 31L				CIRCLE-TO-LAND	
	LOC (GS out)		With D2.0 IAW		W/o D2.0 IAW		Not authorized Southwest of runway	
	DA(H) 283' (200')		CDEFA DA/MDA(H) 450' (367')		CDEFA DA/MDA(H) 580' (497')			
	FULL TDZ or CL out ALS out		ALS out		ALS out			
A						Max Kts	MDA(H)	VIS
B	RVR 550m	RVR 550m	RVR 1200m	RVR 1000m	RVR 1500m	100	750' (667')	1500m
C						135	750' (667')	1600m
D						180	850' (767')	2400m
						205	850' (767')	3600m
1 RVR 750m when a Flight Director or Autopilot or HUD to DA is not used.								

**OMAA/AUH**  
ABU DHABI INTL

**JEPPESEN**  
20 JAN 23  
Eff. 26 Jan. **(11-3A)**

**ABU DHABI, UAE**  
CAT II/III ILS Rwy 31L

BRIEFING STRIP™	D-ATIS Arrival	Central	*North	ABU DHABI Radar (APP)	East	*West	ABU DHABI Director
	119.975	124.4	135.150	132.675	133.550	128.1	North 118.425 South 118.0
	North		South		Ground		
	118.675		119.2		121.950		123.975
LOC	Final	EMOSU		CAT IIIB, IIIA		Apt Elev	2400
I AW	Apch Crs	MANDATORY		& II ILS		83'	
109.3	306^	3000' (2917')		Refer to Minimums		Rwy 83'	
MISSED APCH: Climb STRAIGHT AHEAD to VEDEX (at 4000'), then turn LEFT (MAX 210 KT) to VUTOK and hold. Climb to 4000'.							
Alt Set: hPa		Rwy Elev: 3 hPa		Trans level: FL150		Trans alt: 13000'	
							MSA ARP



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II REIL PAPI PAPI	210 KT MAX	VEDEX at 4000'
Gs	3.00^	372	478	531	637	743			

Standard.			STRAIGHT-IN LANDING RWY 31L		
CAT IIIB ILS		CAT IIIA ILS		CAT II ILS	
		DH 50'		RA 94'	
				DA(H) 183' (100')	
RVR 75m		RVR 200m		RVR 300m	

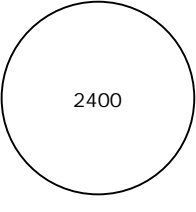
# OMAA/AUH

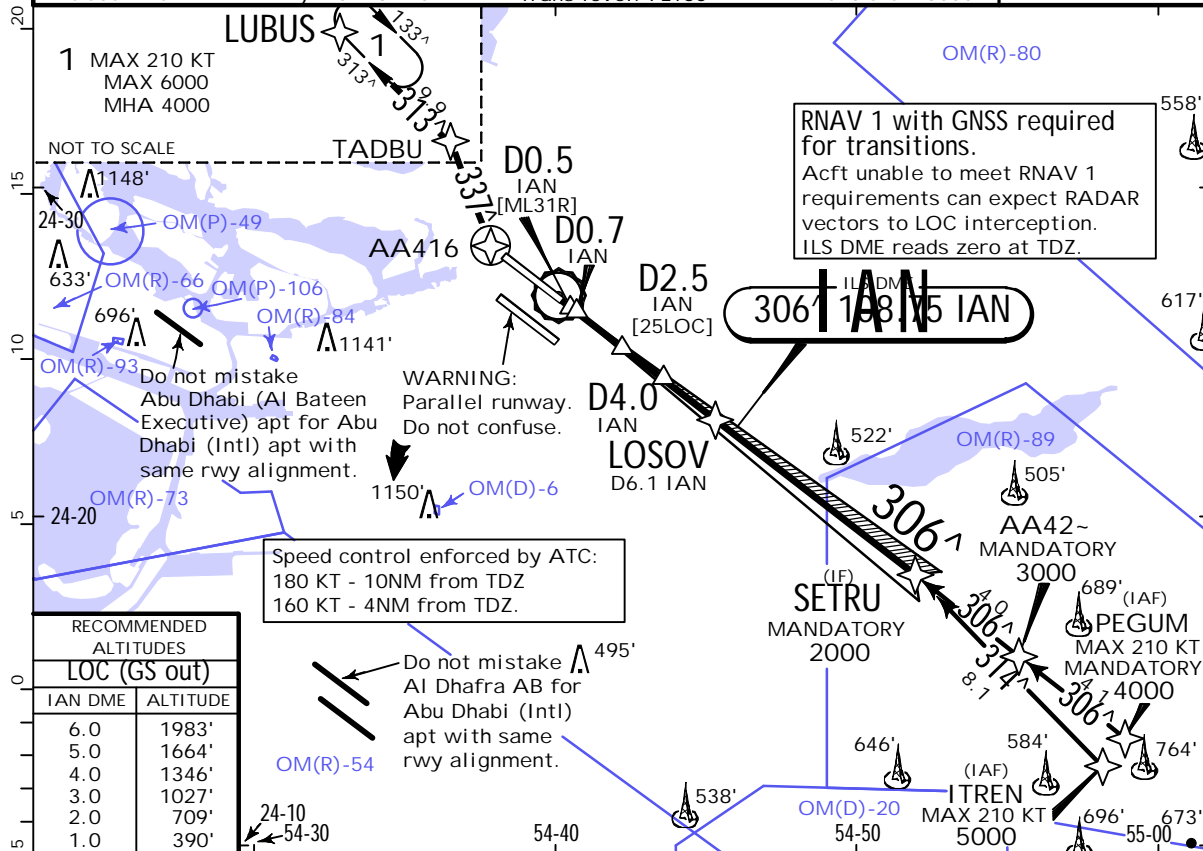
## ABU DHABI INTL

**JEPPESEN**  
20 JAN 23 (11-4). Eff. 26. Jan.

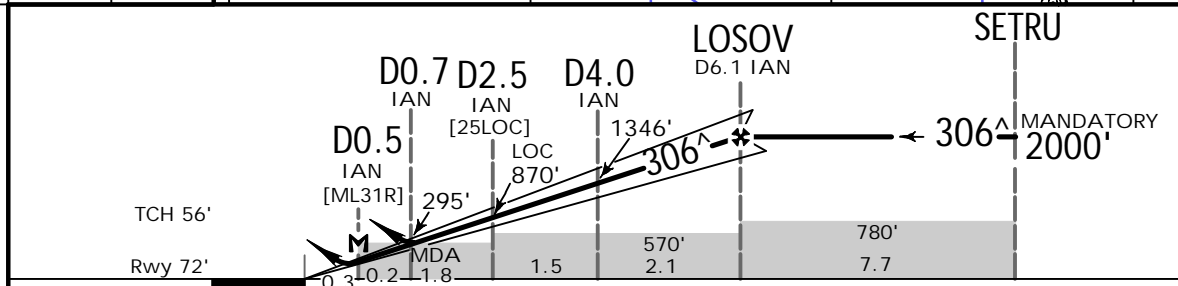
# ABU DHABI, UAE


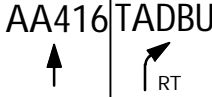
## ILS Rwy 31R

D-ATIS Arrival	Central	*North	ABU DHABI Radar (APP)			ABU DHABI Director	
119.975	124.4	135.150	132.675	133.550	128.1	118.425	118.0
North		South		North		South	
118.675		119.2		121.950		123.975	
LOC	Final	LOSOV		ILS	Apt Elev	83'	
IAN	Apch Crs	MANDATORY		DA(H)	Rwy	72'	
108.75	306^	2000' (1928')		272' (200')			
<p>MISSED APCH: Climb STRAIGHT AHEAD to AA416. Fly over AA416 and turn RIGHT (MAX 210 KT) on track 337^ to TADBU, then turn LEFT (MAX 210 KT) to LUBUS climbing to 4000' and hold.</p>							 <p>2400</p> <p>MSA ARP</p>
Alt Set: hPa		Rwy Elev: 3 hPa		Trans level: FL150		Trans alt: 13000'	



RECOMMENDED ALTITUDES	
LOC (GS out)	
IAN DME	ALTITUDE
6.0	1983'
5.0	1664'
4.0	1346'
3.0	1027'
2.0	709'
1.0	390'



Gnd speed-Kts	70	90	100	120	140	160		<b>210 KT</b> MAX	
GS	3.00^	372	478	531	637	849			

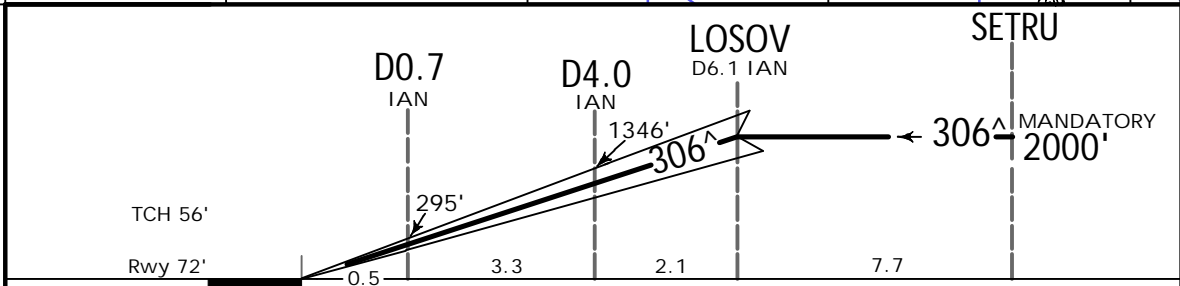
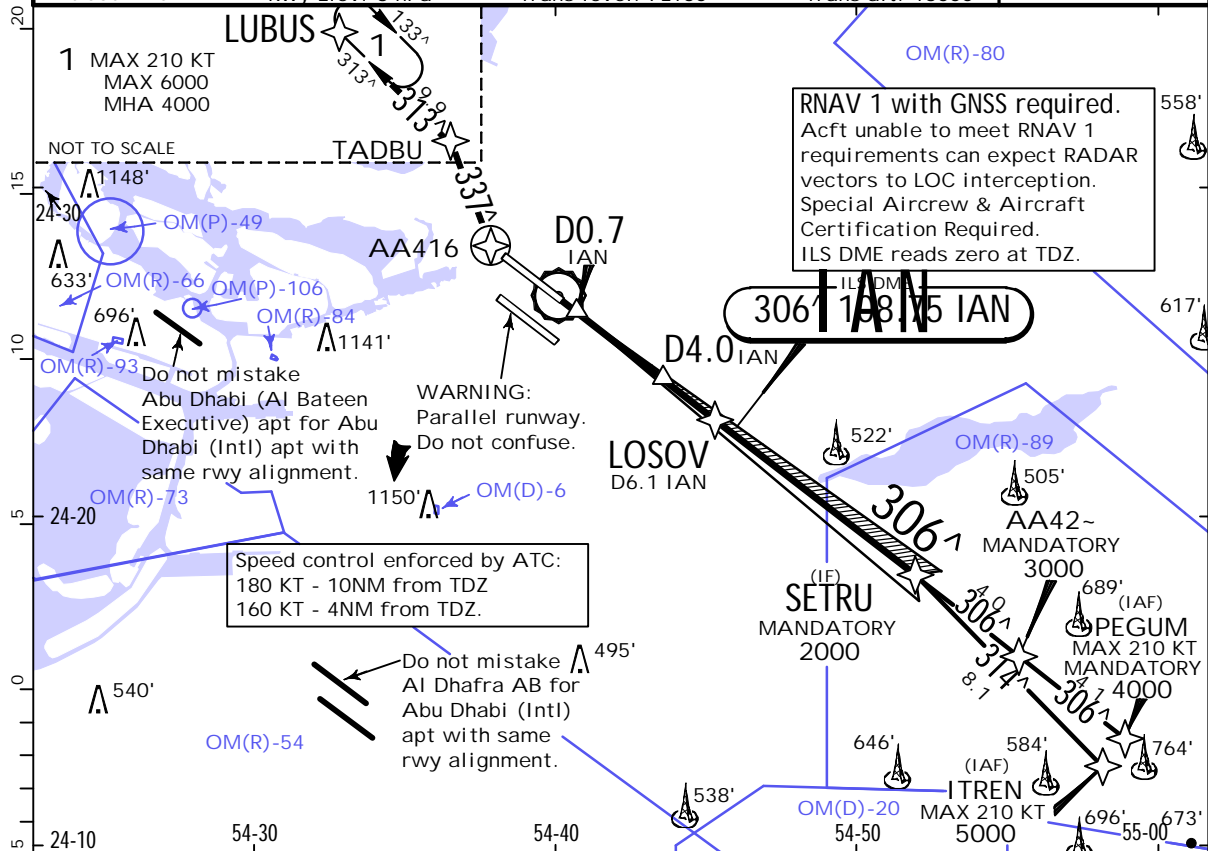
PANS OPS	Standard ILS			STRAIGHT-IN LANDING RWY 31R			CIRCLE-TO-LAND		
	LOC (GS out)			LOC (GS out)			Not authorized Southwest of runway		
	With D2.5 IAN			W/o D2.5 IAN					
	DA(MDA(H)) 272' (200')			DA(MDA(H)) 520' (448')			DA(MDA(H)) 570' (498')		
FULL TDZ or CL out			ALS out			ALS out			
A						Max Kts	MDA(H)	VIS	
B	RVR 550m	RVR 550m	1	RVR 1200m	RVR 1400m	100	750' (667')	1500m	
C	RVR 550m	RVR 550m		RVR 1200m	RVR 1400m	135	750' (667')	1600m	
D	RVR 550m	RVR 550m		RVR 1200m	RVR 1400m	180	850' (767')	2400m	
				RVR 2100m		205	850' (767')	3600m	
<p>1 RVR 750m when a Flight Director or Autopilot or HUD to DA is not used.</p>									

**OMAA/AUH**  
**ABU DHABI INTL**

**JEPPESEN**  
 20 JAN 23  
 Eff. 26 Jan. **(11-4A)**

**ABU DHABI, UAE**  
**CAT II/III ILS Rwy 31R**

D-ATIS Arrival 119.975	Central 124.4	*North 135.150	ABU DHABI Radar (APP) East 132.675	133.550	*West 128.1	ABU DHABI Director North 118.425	South 118.0
North 118.675		South 119.2		Ground North 121.950		South 123.975	
LOC 108.75	Final Aptch Crs 306 <sup>^</sup>	LOSOV MANDATORY 2000' (1928')		CAT IIIB, IIIA & II ILS Refer to Minimums		Apt Elev 83' Rwy 72'	
<b>MISSED APCH: Climb STRAIGHT AHEAD to AA416. Fly over AA416 and turn RIGHT (MAX 210 KT) on track 337<sup>^</sup> to TADBU, then turn LEFT (MAX 210 KT) to LUBUS climbing to 4000' and hold.</b>							 MSA ARP
Alt Set: hPa		Rwy Elev: 3 hPa		Trans level: FL150		Trans alt: 13000'	



Gnd speed-Kts	70	90	100	120	140	160	HI ALS-II REIL PAPI PAPI 210 KT MAX AA416 TADBU ↑ RT
GS	3.00 <sup>^</sup>	372	478	531	637	849	

Standard. STRAIGHT-IN LANDING RWY 31R		
CAT IIIB ILS	CAT IIIA ILS	CAT II ILS
		ABCD
		RA 105'
	DH 50'	DA(H) 172' (100')
RVR 75m	RVR 200m	RVR 300m



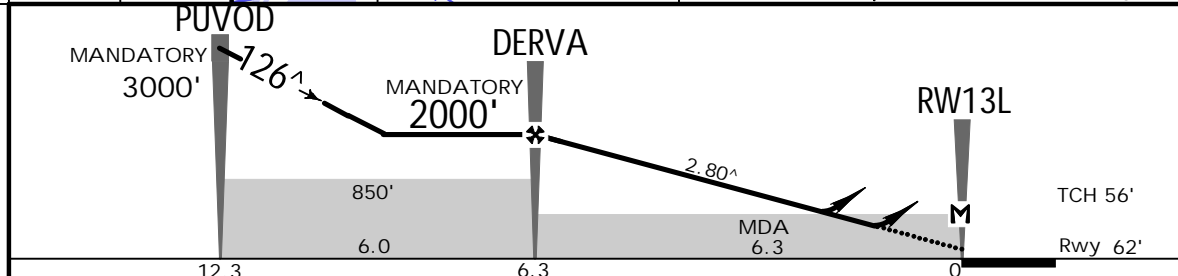
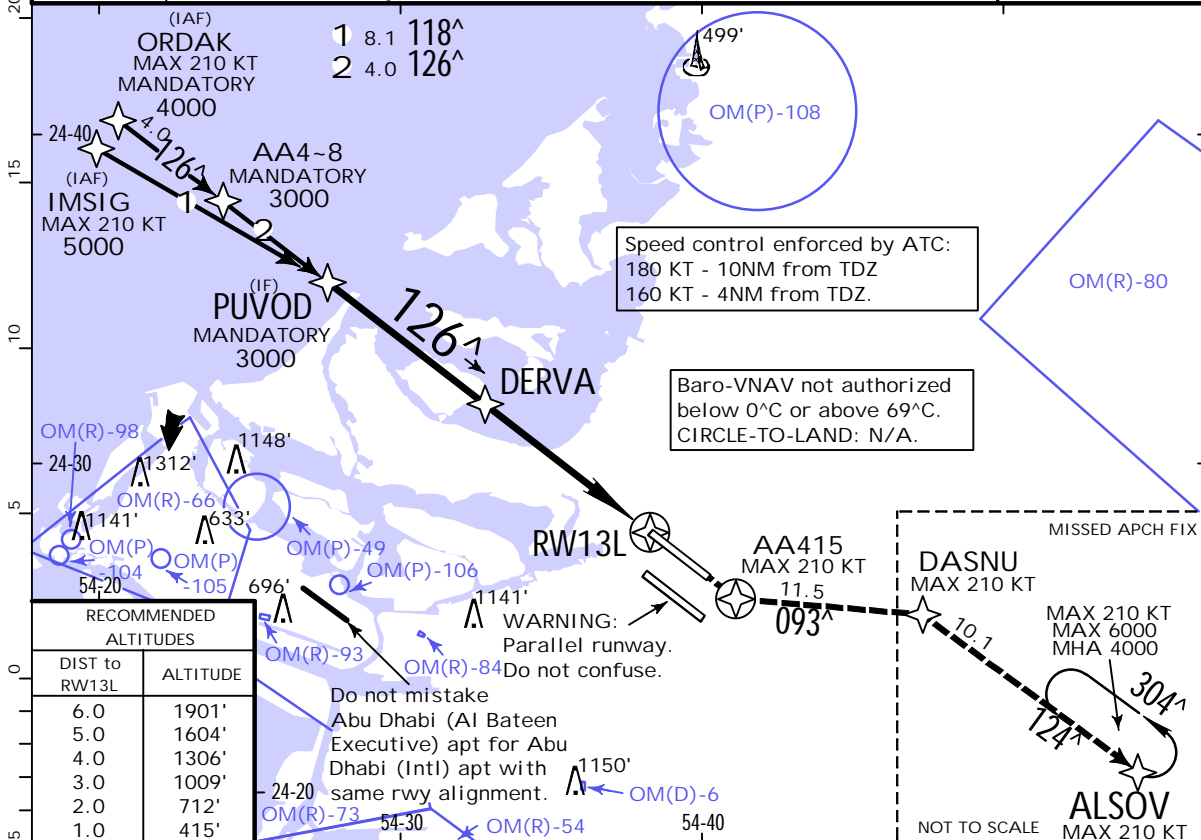
# OMAA/AUH

## ABU DHABI INTL

**JEPPESEN**  
20 JAN 23 (12-1). Eff. 26. Jan.

**ABU DHABI, UAE**  
RNP Z Rwy 13L

BRIEFING STRIP	D-ATIS Arrival	Central	*North	ABU DHABI Radar(APP) East	*West
	119.975	124.4	135.150	132.675	128.1
	ABU DHABI Director		ABU DHABI Tower		Ground
	North	South	North	South	North
	118.425	118.0	118.675	119.2	121.950
	RNAV	Final Apch Crs	DERVA MANDATORY	LNAV/VNAV DA(H) Refer to Minimums	Apt Elev 83' Rwy 62'
		126^	2000' (1938')		
MISSED APCH: Proceed direct to AA415. Fly over AA415 and turn LEFT (MAX 210 KT) on track 093^ to DASNU, then turn RIGHT to ALSOV climbing to 4000' and hold.					2400
RNP APCH	Alt Set: hPa	Rwy Elev: 2 hPa	Trans level: FL150	Trans alt: 13000'	



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II REIL PAPI PAPI	AA415	210 KT MAX LT	DASNU
Glide Path Angle	2.80^	347	446	495	594	693				

MAP at RWY 13L		STRAIGHT-IN LANDING RWY 13L	
Standard.		LNAV/VNAV	LNAV
		DA(H) A: 350' (288') C: 380' (318') B: 360' (298') D: 410' (348')	CDFA DA/MDA(H) 510' (448')
		ALS out	ALS out
A			
B	RVR 750m 1	RVR 1400m	RVR 1500m
C			RVR 1400m
D	RVR 900m	RVR 1600m	RVR 2100m
1 With TDZ & CL & HUD: CAT A & B RVR 650m, CAT C RVR 700m.			

# OMAA/AUH

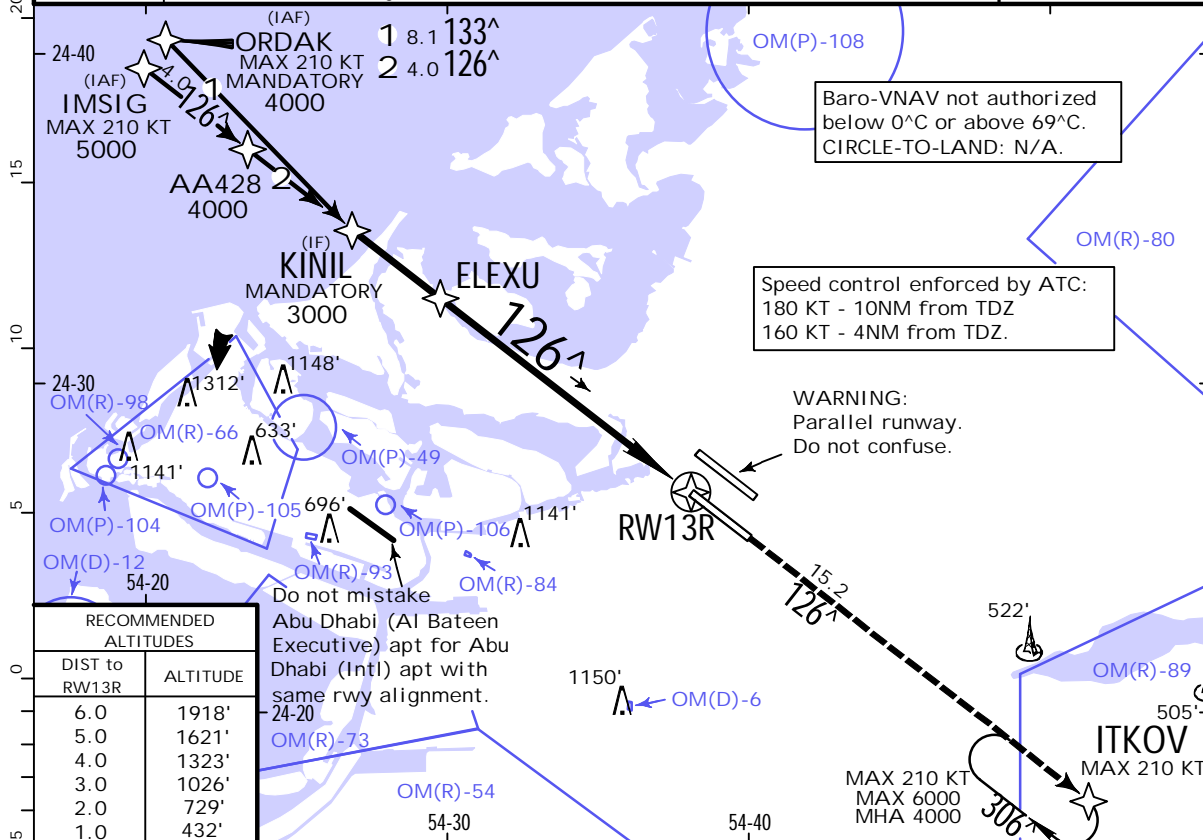
## ABU DHABI INTL

**JEPPESEN**  
20 JAN 23 (12-2) .Eff.26.Jan.

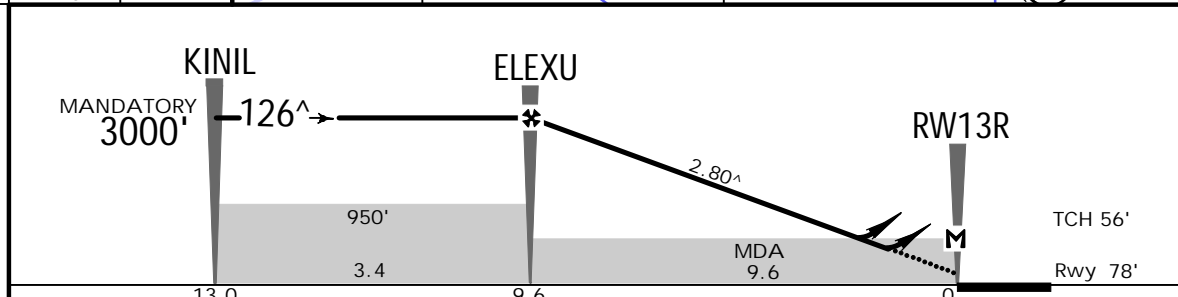
# ABU DHABI, UAE

## RNP Z Rwy 13R

D-ATIS Arrival <b>119.975</b>	Central <b>124.4</b>	*North <b>135.150</b>	ABU DHABI Radar(APP) East <b>132.675</b>	<b>133.550</b>	*West <b>128.1</b>
ABU DHABI Director North <b>118.425</b>		ABU DHABI Tower North <b>118.675</b>		Ground North <b>121.950</b>	
South <b>118.0</b>		South <b>119.2</b>		South <b>123.975</b>	
RNAV	Final Apch Crs <b>126<sup>^</sup></b>	ELEXU MANDATORY <b>3000'</b> (2922')	RNAV/VNAV DA(H) Refer to Minimums	Apt Elev 83' Rwy 78'	2400
MISSED APCH: Proceed direct to ITKOV climbing to 4000' and hold.					
RNP APCH	Alt Set: hPa	Rwy Elev: 3 hPa	Trans level: FL150	Trans alt: 13000'	MSA ARP



RECOMMENDED ALTITUDES	
DIST to RWY13R	ALTITUDE
6.0	1918'
5.0	1621'
4.0	1323'
3.0	1026'
2.0	729'
1.0	432'



Gnd speed-Kts	70	90	100	120	140	160	HIALS REIL PAPI PAPI	4000'	ITKOV	
Glide Path Angle	2.80 <sup>^</sup>	347	446	495	594	693				792
MAP at RWY13R	Standard.							STRAIGHT-IN LANDING RWY 13R		

LNAV/VNAV DA(H)		LNAV CDFA DA/MDA(H)	
A: 420' (342')	C: 450' (372')	600' (522')	
B: 430' (352')	D: 480' (402')		
ALS out		ALS out	
A	RVR 900m	RVR 1500m	RVR 1500m
B	RVR 1000m	RVR 1700m	RVR 1700m
C	RVR 1200m	RVR 1900m	RVR 2400m
D	RVR 1200m	RVR 1900m	RVR 2400m

# OMAA/AUH

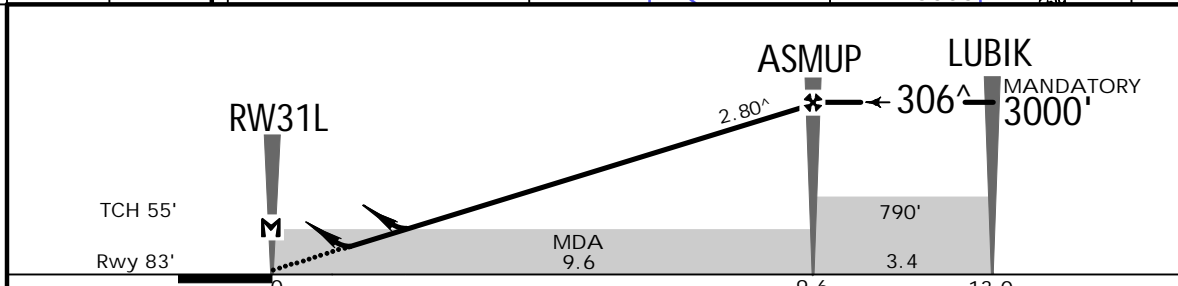
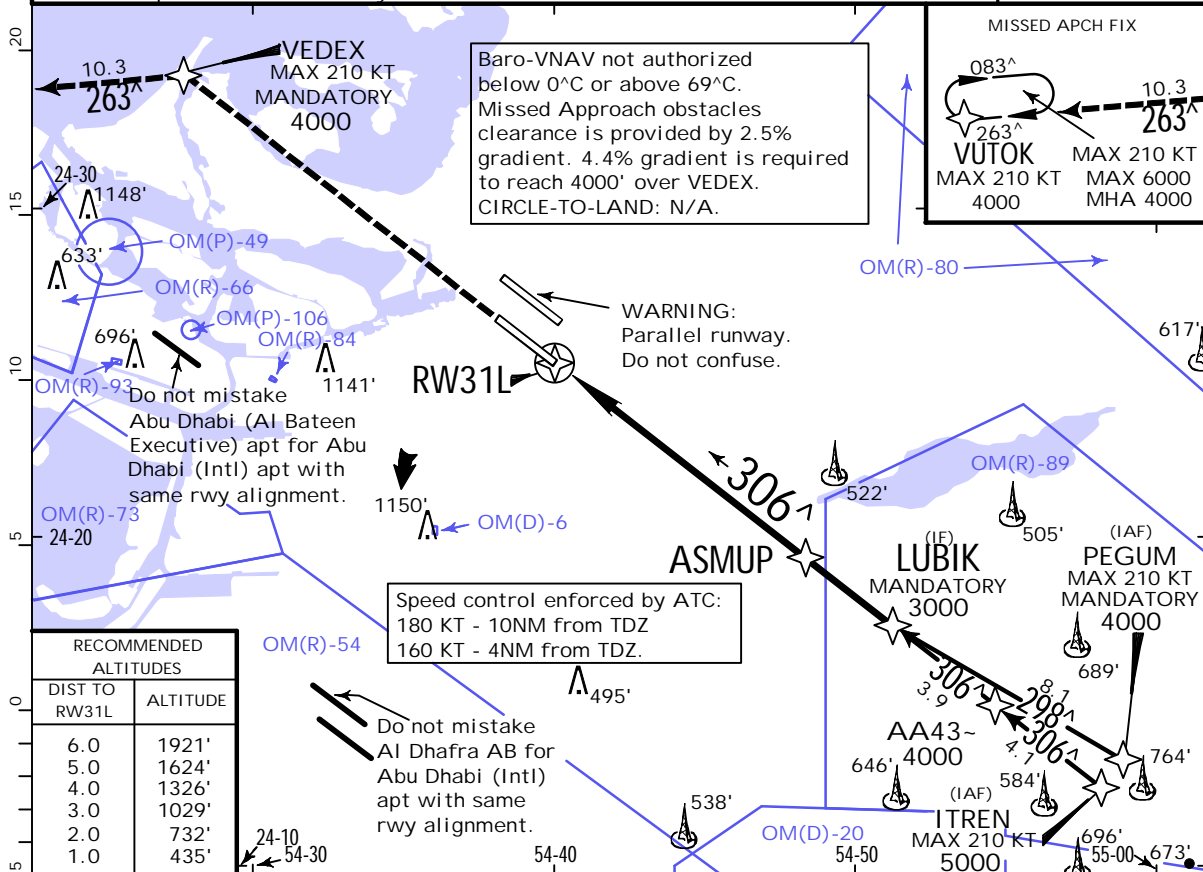
## ABU DHABI INTL

**JEPPESEN**  
20 JAN 23 (12-3). Eff. 26 Jan.

# ABU DHABI, UAE

## RNP Z Rwy 31L

D-ATIS Arrival	Central	*North	ABU DHABI Radar (APP)			ABU DHABI Director		
119.975	124.4	135.150	132.675	133.550	128.1	118.425	118.0	
North		South		North		South		
118.675		119.2		121.950		123.975		
RNAV	Final Apch Crs	ASMUP MANDATORY		LNAV/VNAV DA(H)	Apt Elev	83'		
	306 <sup>^</sup>	3000' (2917')		Refer to Minimums	Rwy	83'		
MISSED APCH: Proceed direct to VEDEX at 4000' (min climb gradient 4.4% (267'/NM)), then turn LEFT (MAX 210 KT) to VUTOK and hold.							2400	
RNP APCH	Alt Set: hPa	Rwy Elev: 3 hPa	Trans level: FL150		Trans alt: 13000'			



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II REIL PAPI PAPI	210 KT MAX	VEDEX at 4000'
Glide Path Angle	2.80 <sup>^</sup>	347	446	495	594	693			

Standard.		STRAIGHT-IN LANDING RWY 31L	
LNAV/VNAV DA(H)		LNAV CDFA DA/MDA(H)	
A: 390' (307') C: 420' (337')		560' (477')	
B: 400' (317') D: 450' (367')			
ALS out		ALS out	
A	RVR 750m 1	RVR 1400m	RVR 1500m
B			
C	RVR 800m	RVR 1500m	RVR 2200m
D	RVR 1000m	RVR 1700m	
1 With TDZ & CL & HUD: RVR 700m.			



# OMAA/AUH

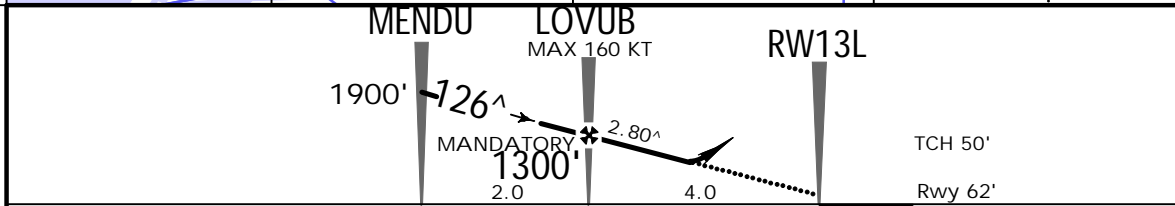
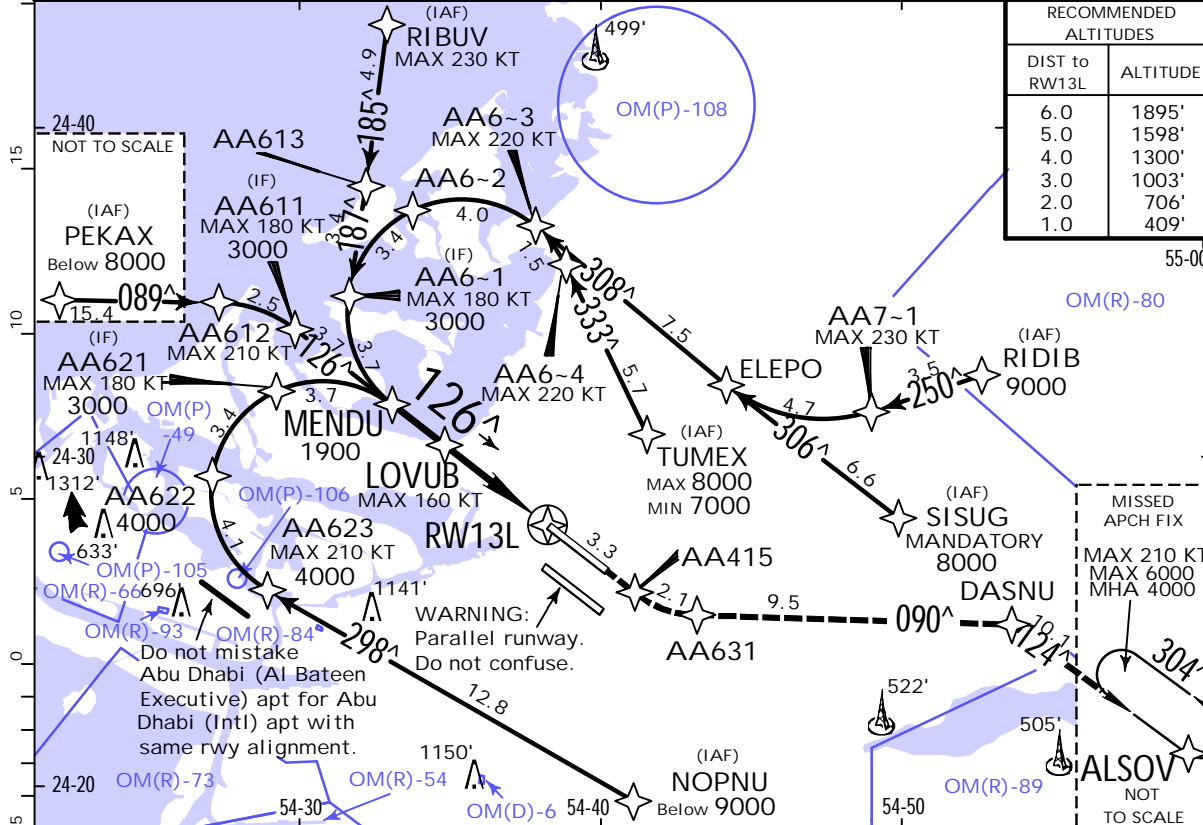
## ABU DHABI INTL

**JEPPESSEN**  
20 JAN 23  
Eff. 26 Jan. (12-20)

**ABU DHABI, UAE**  
RNP Y Rwy 13L (AR)

D-ATIS Arrival	Central	*North	ABU DHABI Radar (APP) East	*West	ABU DHABI Director North	Director South
119.975	124.4	135.150	132.675 133.550	128.1	118.425	118.0
North		South		North		South
118.675		119.2		121.950		123.975
RNAV	Final Apch Crs	LOVUB MANDATORY	RNP 0.30 DA(H) Refer to Minimums	Apt Elev 83' Rwy 62'		
	126^	1300' (1238')		2400		
MISSED APCH: Climb STRAIGHT AHEAD to AA415, then turn LEFT with with 3.3 NM radius to AA631, then to DASNU, then to ALSOV at 4000' and hold. (MAX 210 KT) Transition to missed approach RNP for lateral guidance must not be initiated prior to the along-track position of DA(H).						MSA ARP

Alt Set: hPa Rwy Elev: 2 hPa Trans level: FL150 Trans alt: 13000'  
RNP AR APCH. RF required. Dual GNSS and IRU required.  
1. Authorization required. 2. Baro-VNAV not authorized below 0°C and above 69°C. 3. Speed control enforced by ATC: 180 KT - 10NM from TDZ, 160 KT - 4NM from TDZ.



Gnd speed-Kts	70	90	100	120	140	160		210 KT	4000'	AA415
Glide Path Angle	2.80^	347	446	495	594	792		MAX	↑	

.Standard. STRAIGHT-IN LANDING RWY 13L  
RNP 0.30  
DA(H) A: 485' (423') B: 495' (433') C: 505' (443') D: 515' (453')  
ALS out

A		
B	RVR 1300m	RVR 1500m
C		
D	RVR 1400m	RVR 2100m



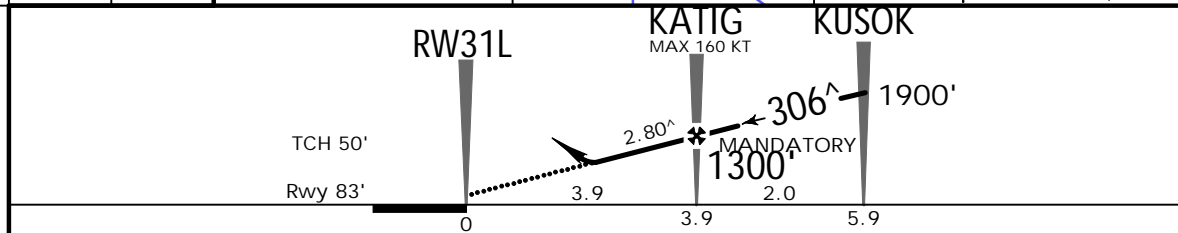
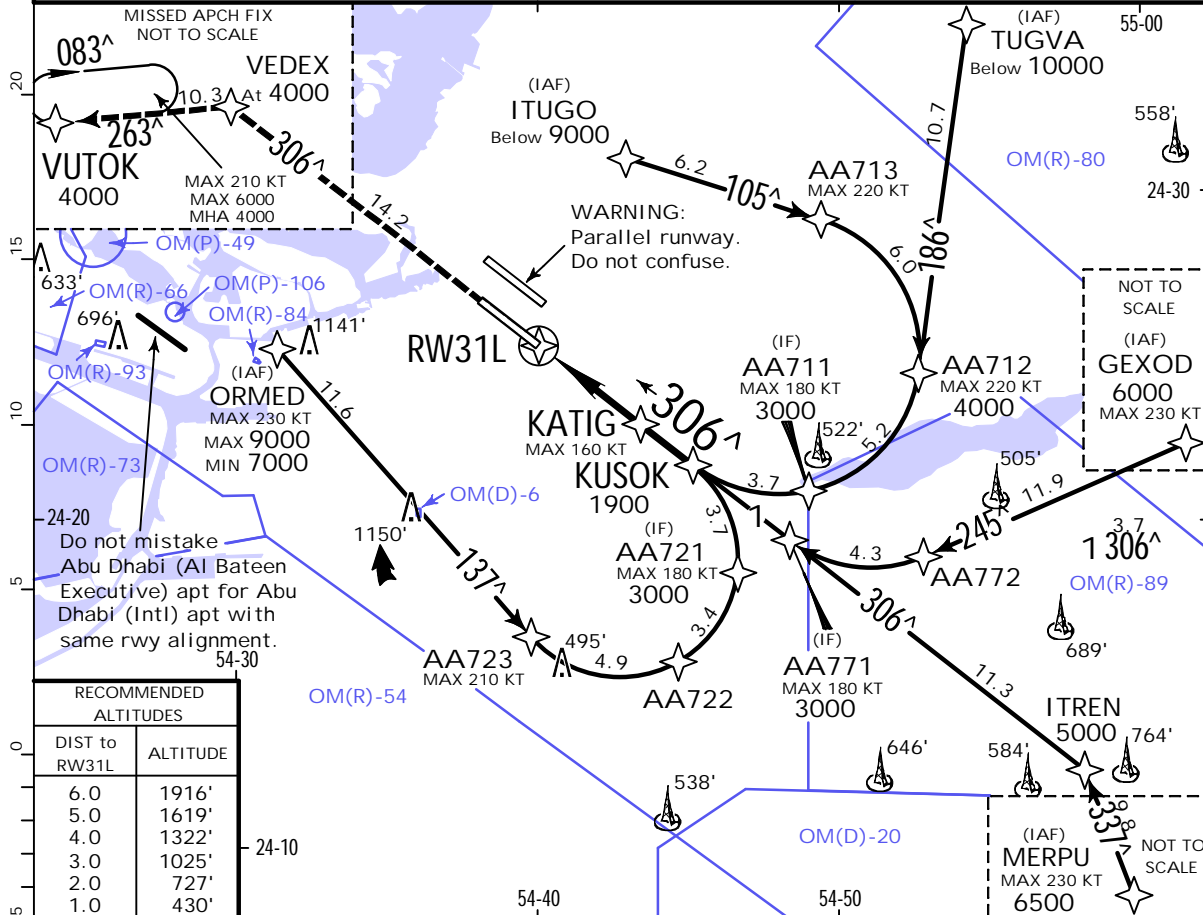
# OMAA/AUH

## ABU DHABI INTL

**JEPPESEN**  
 20 JAN 23  
 .Eff. 26 Jan. (12-22)

**ABU DHABI, UAE**  
**RNP Y Rwy 31L (AR)**

D-ATIS Arrival	Central	*North	ABU DHABI Radar (APP) East	*West	ABU DHABI North	Director South
119.975	124.4	135.150	132.675 133.550	128.1	118.425	118.0
ABU DHABI Tower			Ground			2400
North	South	North	South			
118.675	119.2	121.950	123.975			
RNAV	Final Apch Crs 306 <sup>^</sup>	KATIG MANDATORY 1300' (1217')	RNP 0.30 DA(H) Refer to Minimums	Apt Elev 83' Rwy 83'		MSA ARP
MISSED APCH: Climb STRAIGHT AHEAD to VEDEX at 4000' then to VUTOK and hold. (MAX 210 KT)						
Alt Set: hPa		Rwy Elev: 3 hPa		Trans level: FL150		Trans alt: 13000'
RNP AR APCH. RF required. Dual GNSS and IRU required.						
1. Authorization required. 2. Baro-VNAV not authorized below 0°C and above 69°C. 3. Speed control enforced by ATC: 180 KT - 10NM from TDZ, 160 KT - 4NM from TDZ.						



Gnd speed-Kts	70	90	100	120	140	160		REIL PAPI	210 KT MAX	VEDEX at 4000'
Glide Path Angle	2.80 <sup>^</sup>	347	446	495	594	693	792			

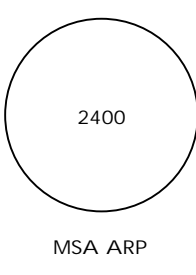
**.Standard.** STRAIGHT-IN LANDING RWY 31L  
 RNP 0.30  
 DA(H) A: 450' (367') B: 460' (377') C: 470' (387') D: 480' (397')  
 ALS out

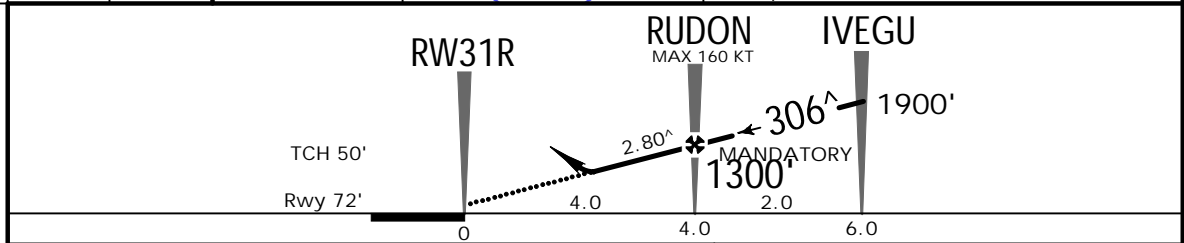
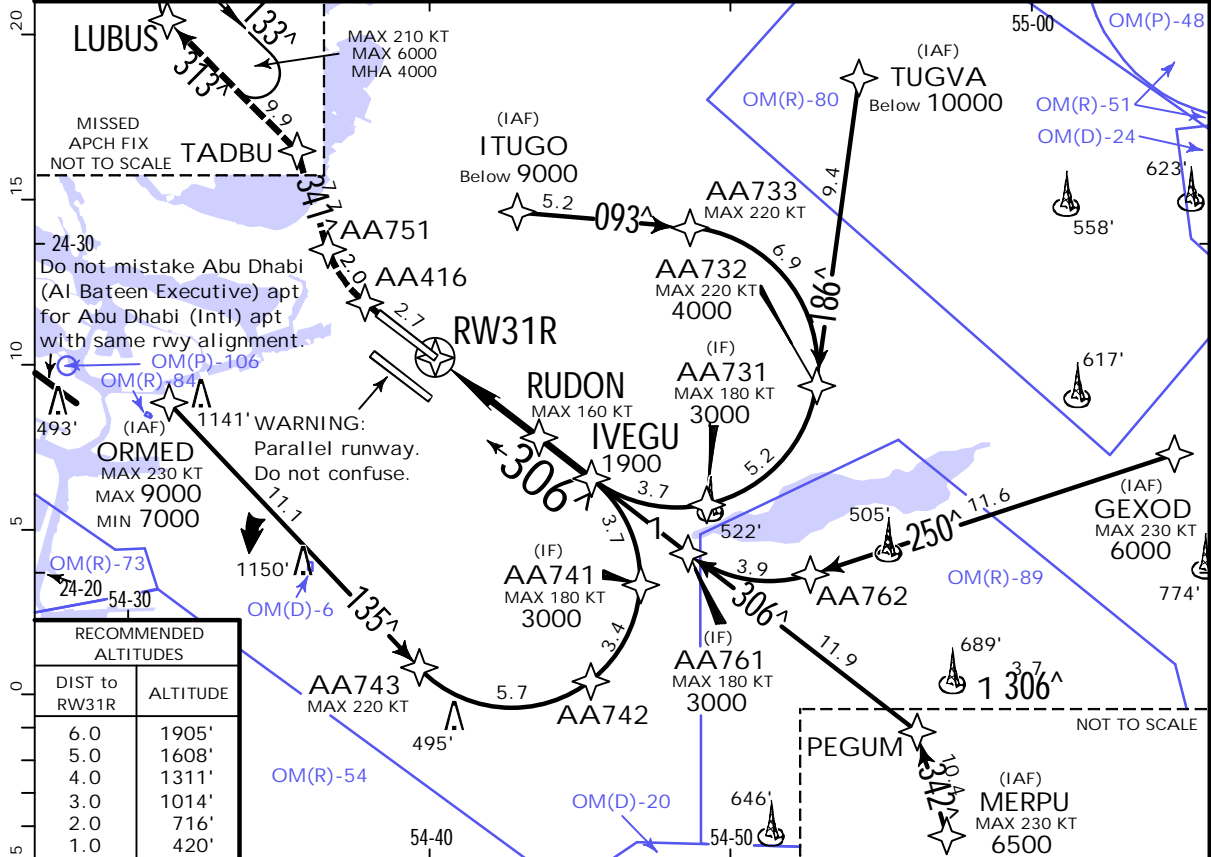
A	RVR 1000m	RVR 1500m
B		
C	RVR 1100m	RVR 1800m
D		

**OMAA/AUH**  
**ABU DHABI INTL**

**JEPPESEN**  
 20 JAN 23  
 .Eff. 26 Jan. (12-23)

**ABU DHABI, UAE**  
**RNP Y Rwy 31R (AR)**

D-ATIS Arrival	Central	*North	ABU DHABI Radar (APP)	*West	ABU DHABI Director
119.975	124.4	135.150	132.675 East	133.550	North 118.425 South 118.0
ABU DHABI Tower			Ground		
North	South	North	South		
118.675	119.2	121.950	123.975		
RNAV	Final Apch Crs 306^	RUDON MANDATORY 1300' (1228')	RNP 0.30 DA(H) Refer to Minimums		
MISSED APCH: Climb STRAIGHT AHEAD to AA416, then turn RIGHT with 3.3 NM radius to AA751, then to TADBU, then to LUBUS at 4000' and hold. (MAX 210 KT) Transition to missed approach RNP for lateral guidance must not be initiated prior to the along-track position of DA(H).					
Alt Set: hPa		Rwy Elev: 3 hPa		Trans level: FL150	
RNP AR APCH. RF required. Dual GNSS and IRU required.					
1. Authorization required. 2. Baro-VNAV not authorized below 0°C and above 69°C. 3. Speed control enforced by ATC: 180 KT - 10NM from TDZ, 160 KT - 4NM from TDZ.					



Gnd speed-Kts	70	90	100	120	140	160	HI ALS-II REIL PAPI PAPI	210 KT	AA416	AA751
Glide Path Angle	2.80^	347	446	495	594	693		792	MAX	↑

Standard. STRAIGHT-IN LANDING RWY 31R  
 RNP 0.30  
 DA(H) A: 590' (518') B: 600' (528') C: 610' (538') D: 620' (548')  
 ALS out

A	RVR 1500m	
B		
C	RVR 1700m	RVR 2400m
D	RVR 1800m	

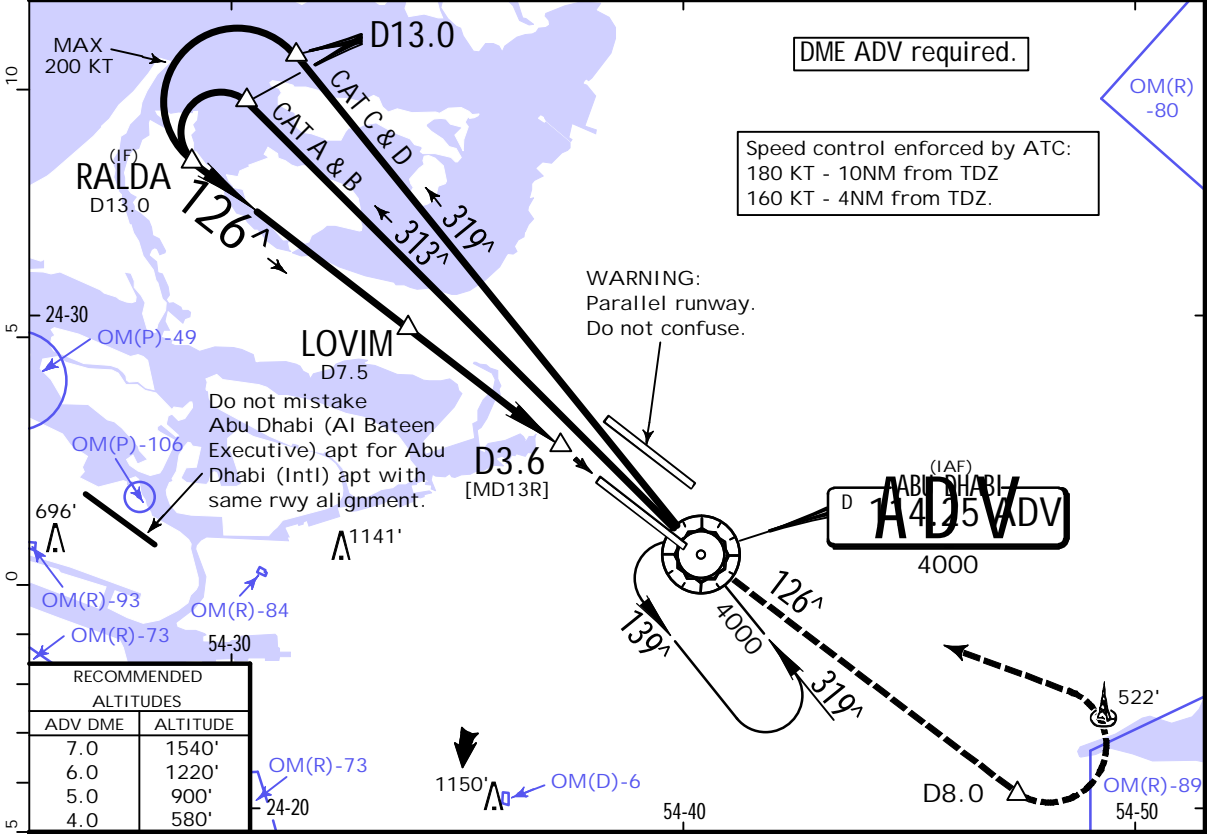


**OMAA/AUH**  
ABU DHABI INTL

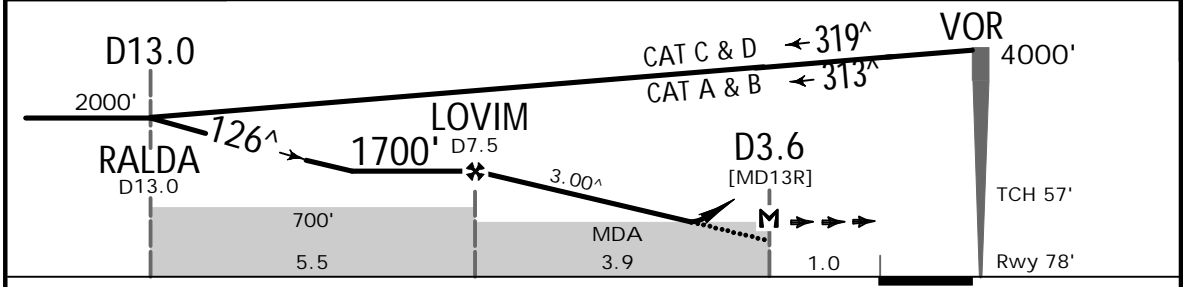
**JEPPESEN**  
20 JAN 23 (13-1) .Eff.26.Jan.

**ABU DHABI, UAE**  
VOR Rwy 13R

D-ATIS Arrival	Central	*North	ABU DHABI Radar(APP) East		*West
119.975	124.4	135.150	132.675	133.550	128.1
ABU DHABI Director		ABU DHABI Tower		Ground	
North	South	North	South	North	South
118.425	118.0	118.675	119.2	121.950	123.975
VOR ADV	Final Apch Crs	LOVIM	DA/MDA(H)	Apt Elev 83'	
114.25	126^	1700' (1622')	510' (432')	Rwy 78'	
<p><b>MISSED APCH:</b> Climb STRAIGHT AHEAD on R-306 inbound to VOR, then proceed on R-126. At D8.0 turn LEFT and climb to 4000' to VOR and hold.</p>					
Alt Set: hPa		Rwy Elev: 3 hPa	Trans level: FL150	Trans alt: 13000'	MSA ADV VOR



RECOMMENDED ALTITUDES	
ADV DME	ALTITUDE
7.0	1540'
6.0	1220'
5.0	900'
4.0	580'



Gnd speed-Kts	70	90	100	120	140	160		ADV 114.25	ADV 114.25	D8.0
Descent Angle	3.00^	372	478	531	637	743		849	R-126	
MAP at D3.6										

Standard. STRAIGHT-IN LANDING RWY 13R		CIRCLE-TO-LAND 1	
CDFA DA/MDA(H) 510' (432')		Not authorized Southwest of runway	
ALS out		Max Kts.	MDA(H) VIS
A	RVR 1500m	100	750' (672') 1500m
B		135	750' (672') 1600m
C	RVR 1300m	180	850' (772') 2400m
D		205	850' (772') 3600m

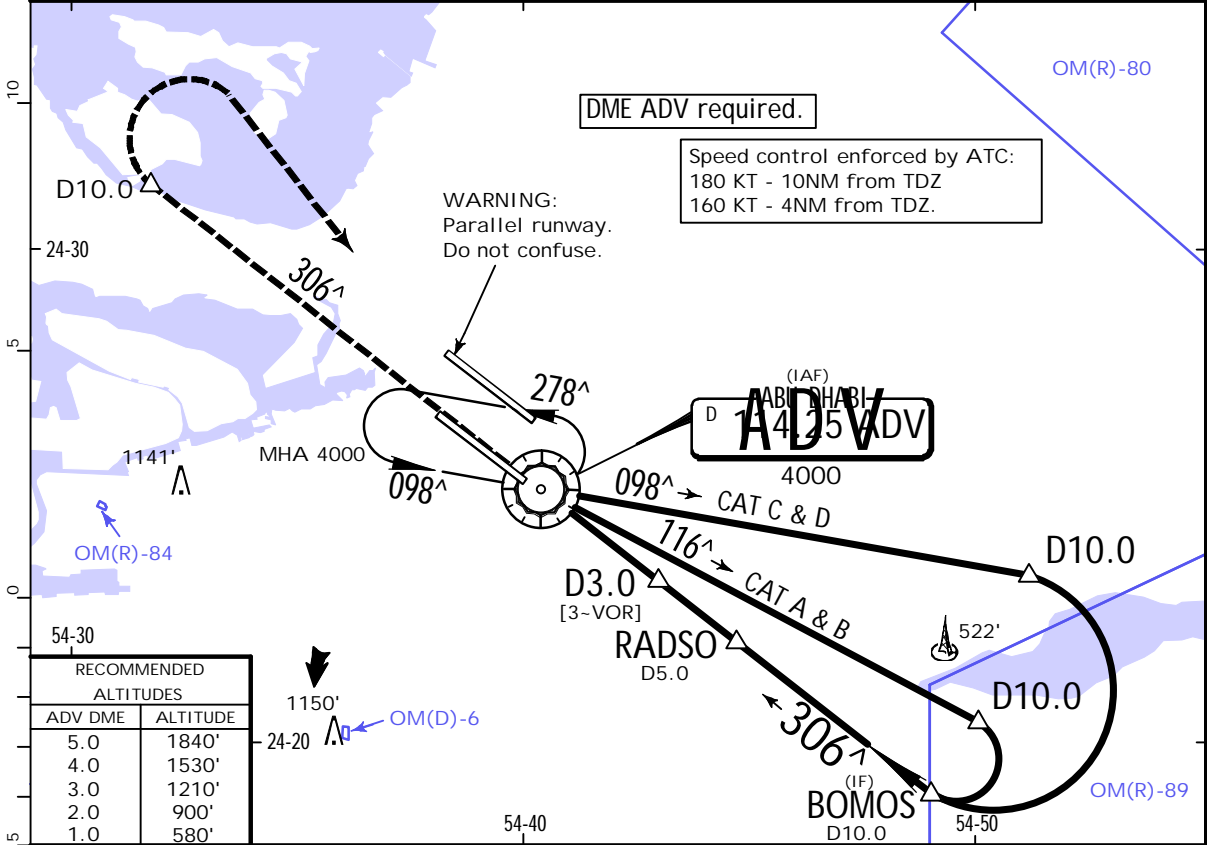
1 Circling height based on rwy 13R thresh elev of 78'.  
CHANGES: OM(D)-9 withdrawn, OM(D)-6 added. | JEPPESEN, 1999, 2023. ALL RIGHTS RESERVED.

**OMAA/AUH**  
**ABU DHABI INTL**

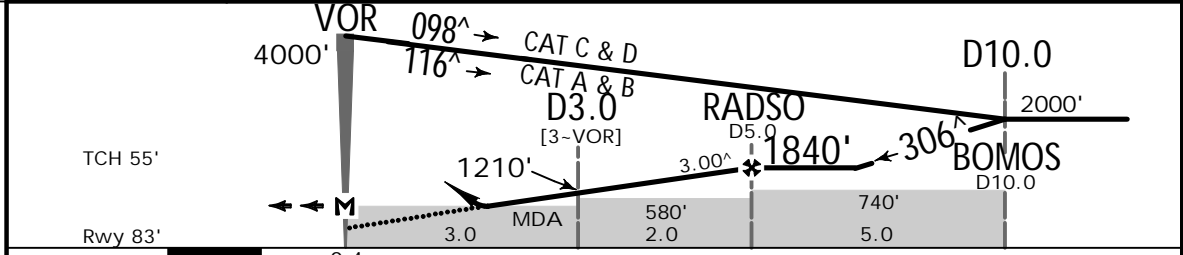
**JEPPESEN**  
 20 JAN 23 (13-2). Eff. 26. Jan.

**ABU DHABI, UAE**  
**VOR Rwy 31L**

BRIEFING STRIP	D-ATIS Arrival	Central	*North	ABU DHABI Radar (APP) East	*West
	119.975	124.4	135.150	132.675 133.550	128.1
	ABU DHABI Director North 118.425 South 118.0		ABU DHABI Tower North 118.675 South 119.2		Ground North 121.950 South 123.975
	VOR ADV 114.25	Final Apch Crs 306 <sup>^</sup>	RADSO 1840' (1757')	DA/MDA(H) Refer to Minimums	Apt Elev 83' Rwy 83'
MISSED APCH: Climb STRAIGHT AHEAD on R-306. At D10.0 turn RIGHT and climb to 4000' to VOR and hold.					
Alt Set: hPa	Rwy Elev: 3 hPa	Trans level: FL150	Trans alt: 13000'	MSA ADV VOR	



RECOMMENDED ALTITUDES	
ADV DME	ALTITUDE
5.0	1840'
4.0	1530'
3.0	1210'
2.0	900'
1.0	580'



Gnd speed-Kts	70	90	100	120	140	160		ADV R-306 D10.0
Descent Angle 3.00 <sup>^</sup>	372	478	531	637	743	849		
MAP at VOR								

	Standard. STRAIGHT-IN LANDING RWY 31L		CIRCLE-TO-LAND		
	With D3.0 ADV	W/o D3.0 ADV	Not authorized Southwest of runway		
	CDFA	CDFA	Max Kts	MDA(H)	VIS
	DA/MDA(H) 470' (387')	DA/MDA(H) 580' (497')			
	ALS out	ALS out			
A			100	750' (667')	1500m
B	RVR 1500m	RVR 1500m	135	750' (667')	1600m
C	RVR 1100m	RVR 1500m	180	850' (767')	2400m
D	RVR 1800m	RVR 2300m	205	850' (767')	3600m

## Chart changes since cycle 06-2023

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

ACT    PROCEDURE IDENT

INDEX

REV DATE

EFF DATE

**ABU DHABI, (ABU DHABI INTL - OMAA)**

## TERMINAL CHART CHANGE NOTICES

### Chart Change Notices for Airport OMAA

**Type:** Terminal

**Effectivity:** Temporary

**Begin Date:** 20201203

**End Date:** Until Further Notice

Based on AIP SUP 046/20: TWY N between TWY C3 and TWY C4 closed. TWY C is closed, except intersections with TWY G, TWY H, TWY C4, TWY D10 and TWY D11 due to work in progress.

**Type:** Terminal

**Effectivity:** Temporary

**Begin Date:** Immediately

**End Date:** Until Further Notice

Based on AIP SUP 55/2022: Due to work in progress following taxiways are closed: TWY C between TWY H and TWY D10 except intersection TWY C3 and TWY C4; TWY D between TWY D10 and TWY D11 excluding the intersections; TWY F6 (2 hours prior notice is required to access). TWY C between TWY D2 and TWY D4 is downgraded to ACFT Code E and smaller.

**Type:** Terminal

**Effectivity:** Temporary

**Begin Date:** Immediately

**End Date:** Until Further Notice

Based on AIP SUP 043-21: Stand 135 is only available for ACFT type A330-200 and A330-300. Follow-me vehicle (FMV) will provide guidance to arrival ACFT from TWY E11 abeam stand 132 to stand 135 between 1400-0200 UTC. Departure ACFT shall be pushed back on TWY F to face WEST or EAST clear of TWY E11.

**Type:** Terminal

**Effectivity:** Temporary

**Begin Date:** Immediately

**End Date:** Until Further Notice

(10-3F) Based on SUP 022/19: RNAV SIDs ATUDO 4K, KANIP 2U & ORNEL 2K are temporarily suspended.

**Type:** Terminal

**Effectivity:** Temporary

**Begin Date:** 20190131

**End Date:** Until Further Notice

(10-3 / A/ H/ J) general note 6 withdrawn.

**Type:** Terminal

**Effectivity:** Temporary

**Begin Date:** Immediately

**End Date:** Until Further Notice

Based on AIP SUP 006/22: TWY S and TWY T are not in use. Apron 3 and Apron 2 are used in ATC clearance.