Tel: 966 12 684 8046
966 12 684 8959
Fax: 966 12 640 5622
AFS OEJDYKYX
http://www.sans.com.sa
E-mail: aim@sans.com.sa

KINGDOM OF SAUDI ARABIA
GENERAL AUTHORITY OF CIVIL AVIATION
SAUDI AIR NAVIGATION SERVICES
AERONAUTICAL INFORMATION MANAGEMENT
P. O. BOX 929, JEDDAH - 21421

AIP
SUP
AIP SUP 11/25
27 FEB 2025

OEJN — JEDDAH / KING ABDULAZIZ INTL AIRPORT – New DVOR/DME Installation Project

1 Introduction:

The purpose of this AIP Supplement is to notify aircraft operators and airspace users regarding the installation of the new DVOR/DME system at King Abdulaziz Intl Airport (KAIA) and to provide information on the impact of the installation activities on the air navigation from/to OEJN.

2 Navigation and Visual Aids impacted:

All Navigation and Visual Aids will be available during the work in progress and will not be impacted.

3 Timeframe for the installation activities:

The period of the installation activities of the new DVOR/DME system serving OEJN is up to (14) Fourteen months. These activities are divided as follows:

Project Phases	*Activity*	*Duration*	*Consequence*	*Remark*
Phase 1	Civil Works and site preparation	+ 3 Month	- There is no infringement of the Obstacle Limitation Surfaces (OLS) by cranes and equipment with a height up to 20 meters above ground level. - Cranes and equipment used in the installation are restricted to a maximum height of 20 meters above ground level; a specific NOTAM will be issued during the crane's activities. - Construction works close to the Runway 34L/16R strip: Persons and vehicles must comply with all instructions, and clearance distances must be observed during the RWY operations.	All phases will be announced by NOTAM
Phase 2	New system's hardware installation	+ 2 Months		
Phase 3	New system set up and alignment	+ 1 Months		
Phase 4	Test commissioning of the new system	+ 0.5 Month		
Phase 5	New DVOR/DME aeronautical information Publication and Operation	+ 7.5 Month	- AIP ENR and OEJN AD sections will be updated with the new DVOR/DME and revision of Instrument Flight Procedures (IFPs) serving OEJN. - The new DVOR/DME system will be sub-ject of aeronautical information publication published and introduced into operation. - New Instrument Flight Procedures (IF-Ps) will be designed and published.	

4 Areas affected during the work in progress:

Working Area					
Points	***Coordinates***	***Heigh Above Ground Level***	***Elevation Above Mean Sea Level***	***Equipment***	***Remarks***
1	21°39'39.46"N 39° 8'26.42"E	20 meters	24 Meters	Crane	Cranes are equipped with obstacle lights
2	21°39'38.72"N 39° 8'23.54"E	20 meters	24 Meters	Crane	
3	21°39'36.79"N 39° 8'27.27"E	20 meters	24 Meters	Crane	
4	21°39'35.97"N 39° 8'24.41"E	20 meters	24 Meters	Crane	

The attached illustration shows the areas affected during work in progress.

5 Instrument Flight Procedures and Approaches available from/to OEJN:

All current Instrument Flight Procedures (IFPs) will be available during the work in progress for the new DVOR/DME installation

The aircraft operators must consult all valid NOTAMs prior to conducting any flight from/to OEJN.

6 Activation of the AIP supplement:

A NOTAM will be issued to activate each phase.

7 Replacement or cancellation of the AIP SUP:

Any significant change in the current information will be notified by an AIP SUP replacement.

This AIP Supplement will remain effective until further notice, and NOTAM will be issued to announce the cancellation of this AIP SUP.

8 Inquiries:

For any inquiries, please contact:

Aerodrome / SANS	***CONTACT DETAILS***
Jeddah TWR	Name: JED Tower Email: jedtwr@sans.com.sa
Aerodrome Operator (JEDCO)	Name: Adil Abdo Email: aabdo@jeddahairports.sa
Saudi Air Navigation Services (SANS)	Name: Turki S. Almogbil Email: talmogbil@sans.com.sa

AERODROME CHART - ICAO

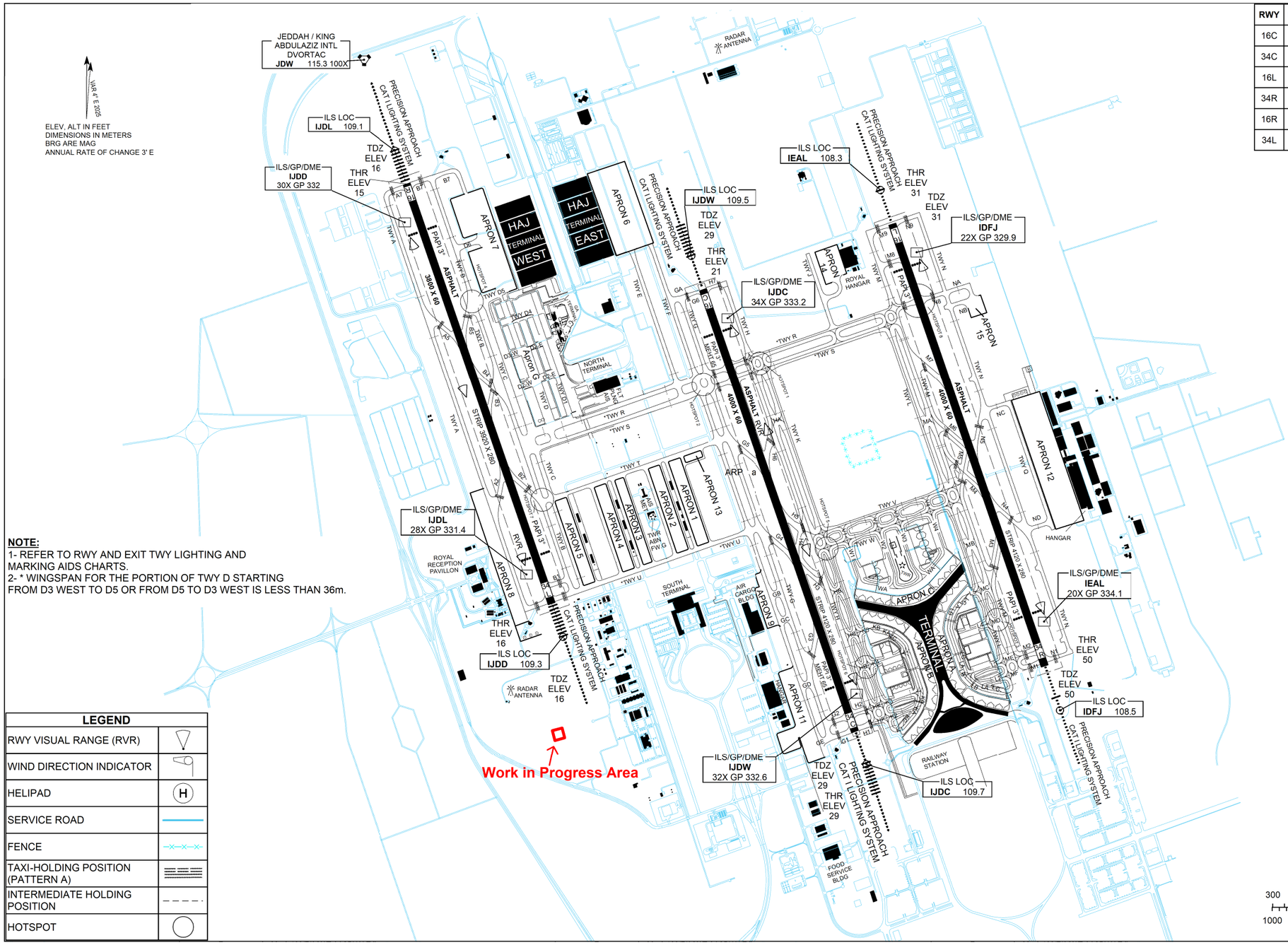
21°40'52"N
039°09'22"E

ELEV 50

APN	121.975 (E APN) 121.750 (APN 6)
TWR	118.2(W) 118.3(W) 118.5(E) 124.3(E) 343.7 (UHF)
GND	121.6 (W) 121.9 (C) 121.7 (E) 355.7 (UHF)
ATIS	126.2 ARR 128.7 DEP
CLEARANCE DELIVERY	121.8

JEDDAH / KING ABDULAZIZ INTERNATIONAL

RWY	DIRECTION	THR	THR GUND	BEARING STRENGTH
16C	156°	21°41'42"N 039°09'06"E	15	PCN 72 F/A/W/T ASPHALT
34C	336°	21°39'40"N 039°09'54"E	15	
16L	156°	21°42'02"N 039°10'02"E	15	PCN 78 F/A/W/T ASPHALT
34R	336°	21°40'00"N 039°10'50"E	15	
16R	156°	21°42'10"N 039°07'37"E	15	PCN 77 F/A/W/T ASPHALT
34L	336°	21°40'14"N 039°08'23"E	15	



NOTE:
1- REFER TO RWY AND EXIT TWY LIGHTING AND MARKING AIDS CHARTS.
2- * WINGSPAN FOR THE PORTION OF TWY D STARTING FROM D3 WEST TO D5 OR FROM D5 TO D3 WEST IS LESS THAN 36m.

LEGEND	
RWY VISUAL RANGE (RVR)	
WIND DIRECTION INDICATOR	
HELIPAD	H
SERVICE ROAD	
FENCE	
TAXI-HOLDING POSITION (PATTERN A)	
INTERMEDIATE HOLDING POSITION	
HOTSPOT	

TAXIWAY DESIGNATOR	Width	BEARING STRENGTH (PCN)	Surface
A	30	71/F/C/W/T	ASPHALT
A2	30	93/F/A/W/T	ASPHALT
A5	30	34/F/C/W/T	ASPHALT
A7	30	32/F/C/W/T	ASPHALT
B	30	39/F/B/W/T	ASPHALT
B1	30	50/F/B/W/T	ASPHALT
B2	30	81/F/A/W/T	ASPHALT
B3	30	47/F/C/W/T	ASPHALT
B4	30	54/F/B/W/T	ASPHALT
B5	30	71/F/C/W/T	ASPHALT
B7	30	33/F/C/W/T	ASPHALT
C	30	84/F/A/W/T	ASPHALT
D	85	80/F/A/X/T	ASPHALT
D1	49	50/F/A/X/T	ASPHALT
D2E	18	50/F/A/X/T	ASPHALT
D2W	29.4	80/F/A/X/T	ASPHALT
D3E	22.5	50/F/A/X/T	ASPHALT
D3W	25.5	80/F/A/X/T	ASPHALT
D4	18	60/F/A/X/T	ASPHALT
D5	38	36/F/A/X/T	ASPHALT
D6	32.5	50/F/A/X/T	ASPHALT
E	30	100/F/A/W/T	ASPHALT
F	30	81/F/A/W/T	ASPHALT
G	30	63/F/A/W/T	ASPHALT
G1, G2, G3, G4, G5, G6	30	74/F/A/W/T	ASPHALT
H1, H2, H3, H4, H5, H6	30	100/F/A/W/T	ASPHALT
M	25.6	57/F/A/W/T	ASPHALT
M1, M2, M3, M4, M5, M6, M7, M8, M9	30	100/F/A/W/T	ASPHALT
N, N1, N4, N5, N8	30	100/F/A/W/T	ASPHALT
R	30	60/R/B/W/T	ASPHALT
S	30	45/F/C/W/T	ASPHALT
T	30	41/F/A/W/T	ASPHALT
U	30	52/F/A/W/T	ASPHALT
L, K, H, V, W, W1,W2, W3, W4, KA, K1, K2, K3, K4, K5	25	80/F/B/W/T	ASPHALT
WA	30	80/F/B/W/T	ASPHALT
V1, V2, V3, V4	50	80/F/B/W/T	ASPHALT
KB, KC	18	80/F/B/W/T	ASPHALT