

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 19/26
11 MAY 2026**

OERK AD 2.16 Helicopter landing area

1 INTRODUCTION

This document is intended to introduce the new H2 FATO located at OERK, which aims to enhance helicopter operations by providing new facilities and additional parking stands

2 PURPOSE

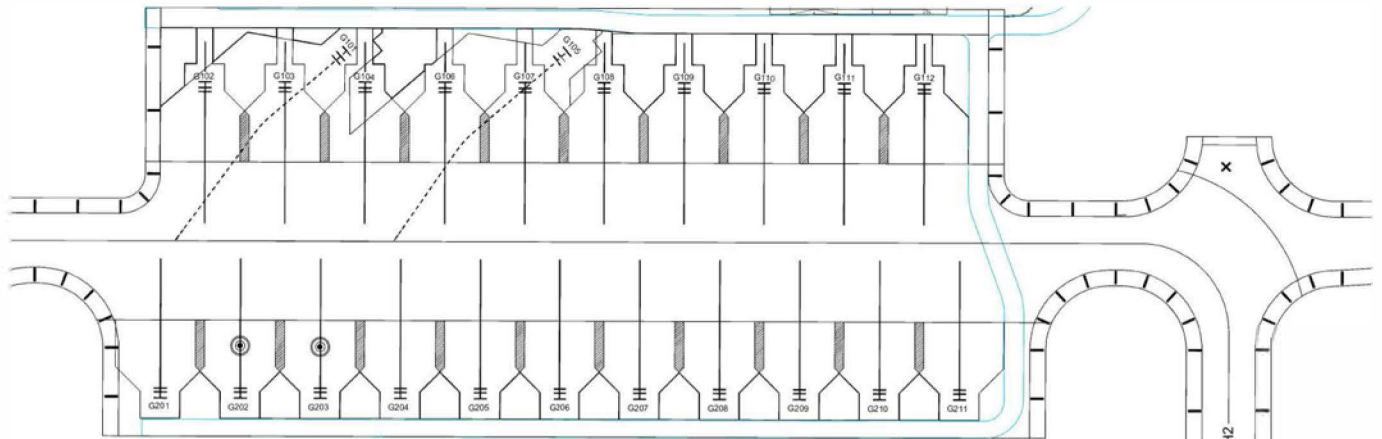
It also aims to provide flight crews, operators, concerned personnel, and stakeholders with detailed information regarding the new changes and operational updates, as outlined below.

3 PHYSICAL AND OPERATIONAL CHARACTERISTICS

1	Coordinates TLOF or THR of FATO Geoid undulation	H2 FATO: 24°57'33.3036 N 46°43'19.4988E, on center line of TWY H2 (collocated TLOF / FATO) GUND: NIL Parking Stands: TLOF G202: 46°43'17.77" 24°57'51.20" TLOF G203: 46°43'18.49" 24°57'50.06" Note: Helicopter parking positions is on existing aircraft stand lead in lines. It is compatible for AW 139 & below.
2	TLOF and/or FATO elevation M/FT	H2 FATO: 614.50 M / 2016 FT.
3	TLOF and FATO area dimensions, surface, strength, marking	TLOF / FATO are collocated FATO: 25.5M x 25.5M (D-Value 17 M) TLOF: 17 M x 17 M, Asphalt PCN 50/F/B/W/T, White.
4	True BRG of FATO	FATO: 147° / 327°
5	Declared distance available	FATO TODAH//RTODAH/LDAH/RTOA: 17 x 17m
6	APP and FATO lighting	NOT AVBL
7	Remarks	APPROACH / TAKE-OFF CLIMB AXIS ORIENTED AT 147deg/ 327deg, directly parallel to the adjacent RWY 15L/33R FATO operational for Day VFR only. For ATS Communication Facilities refer to OERK AD 2.2

PHYSICAL CHARACTERISTICS							
FATO/TLOF/ APRON	BRG (TRUE)	VAR	ELEVATION	COORDINATES	SIZE (m)	BEARING STRENGTH	SURFACE
TLOF	147° /327°	3° E (2025)	614.48 m / 2,016 ft AMSL	24°57'33.3036N 46°43'19.4988E	17 x 17 m	7t	Asphalt
FATO					25.5 x 25.5 m	7t	Asphalt
SAFE- TY AREA					34 x 34 m	7t	Asphalt
PROTECT- ED SIDE SLOPES					34 x 10m (Both sides)	N/A	Nil
APRON/ HELICOPTER STANDS	Nil	Nil	Nil	Nil	Nil	N/A	Nil

DECLARED DISTANCES		OBSTACLE LIMITATION SURFACES	
TODAH	17 x 17m	APPROACH / TAKE-OFF CLIMB SURFACE	3386 m X 138 m
RTODAH	17 x 17m	SLOPE	4.5 %
LDAH	17 x 17m	DIVERGENCE	15 %
RTOA	17 x 17m	TOTAL WIDTH	138 m



NOTES:

1. All stands (Excluding G101 and G105). Max wingspan 36m
2. For stands G101 and G105, pushback shall be done facing south all the way to fully align with TWY H3.
3. Engine start is allowed in GA apron, limited to ideal power.
4. Apron surface is white concrete. PCN 60/R/B/A/T.
5. All taxiing centerlines are yellow.
6. All dashed white lines are for uncontrolled vehicles crossing, pilots are advised to exercise caution.
7. Helicopter parking positions is on existing aircraft stand lead in lines. It is compatible for AW 139 & below.

INS COORDINATES FOR HELICOPTER STANDS ON GA APRON		ELEV
G202	46°43'17.77" 24°57'51.20"	2013
G203	46°43'18.49" 24°57'50.06"	2013

INS COORDINATES FOR ACFT STANDS GENERAL AVIATION APRON			ELEV
G101	46°43'23.46"	24°57'52.18"	2014
G102	46°43'21.70"	24°57'53.94"	2013
G103	46°43'22.42"	24°57'52.80"	2013
G104	46°43'23.14"	24°57'51.66"	2013
G105	46°43'25.45"	24°57'49.03"	2014
G106	46°43'23.86"	24°57'50.52"	2013
G107	46°43'24.58"	24°57'49.38"	2013
G108	46°43'25.30"	24°57'48.24"	2013
G109	46°43'26.02"	24°57'47.10"	2013
G110	46°43'26.74"	24°57'45.96"	2013
G111	46°43'27.46"	24°57'44.82"	2013
G112	46°43'28.18"	24°57'43.68"	2013

INS COORDINATES FOR ACFT STANDS GENERAL AVIATION APRON			ELEV
G201	46°43'16.36"	24°57'51.97"	2013
G202	46°43'17.08"	24°57'50.84"	2013
G203	46°43'17.8"	24°57'49.70"	2013
G204	46°43'18.52"	24°57'48.55"	2013
G205	46°43'19.25"	24°57'47.41"	2013
G206	46°43'19.97"	24°57'46.27"	2013
G207	46°43'20.69"	24°57'45.13"	2013
G208	46°43'21.41"	24°57'43.99"	2013
G209	46°43'22.13"	24°57'42.85"	2013
G210	46°43'22.85"	24°57'41.71"	2013
G211	46°43'23.57"	24°57'40.57"	2013

LEGEND	
AIRCRAFT STAND	A101
HELICOPTER PARKING POSITION	⊕
SERVICE ROAD	—
INTERMEDIATE HOLDING POSITION	—

5. OPERATIONAL PROCEDURES:

- APPROACH / TAKE-OFF CLIMB AXIS ORIENTED AT 147DEG / 327DEG, directly parallel to the adjacent RWY 15L/33R
- Night helicopter operations will be conducted on RWY 15R/33L and RWY 15L/33R. Refer to OERK AD AIP for runway information, and aerodrome ground movement.
- Pilots shall plan to vacate H2 FATO via TWY H2 and proceed to HELICOPTER STAND TLOF G202/G203 as instructed by ATC.
- Helicopter parking position is on existing aircraft stand lead in lines, suitable for AW139 (D17) & below
- General Aviation H2 FATO is referred to as H2 FATO in ATC clearances.
- Hover taxi height must not exceed 15 ft, and not exceed speed of 20 knots.

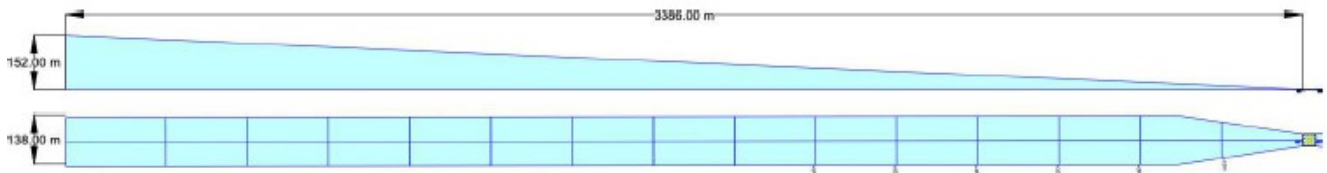
6. OPERATIONAL RESTRICTIONS:

- Maximum rotor diameter for the critical helicopter AW 139 (13.8 m) (D-value 17m) and below. All other helicopters will operate on RWY 15L/33R and RWY 15R/33L as instructed by ATC.
- FATO is restricted to Day VFR only.
- H2 FATO operations shall be suspended during low visibility procedure.
- Helicopter Hover/Ground taxi shall be conducted at minimum practicable power to reduce rotor wash, dust, and foreign object displacement.

7 Obstacle Limitation Surface

The approach and take-off climb surfaces have been designed as follows, in line with GACAR Part 138 Section 301 requirements:

- Slope Design Category: A
- Divergence: 15% (day and night)
- First Section: Slope 4.5%, 3386 m long
- Total Length: 3386 m (reached 152 / 500ft AGL)
- Final Width: 10 x RD = 10 x 13.80 = 138 m



Segment	1	2	3	4	5	6	7	8	9	10
Distance from Edge of Safety Area (m)	222.22	237.05	444.44	666.66	1000	1500	2000	2500	3000	3386

Max Allowed Obstacle height (ft)	32.81	35.00	65.62	98.43	147.65	221.47	295.29	369.11	442.94	499.93
Max Allowed Obstacle height (m)	10.00	10.67	20.00	30.00	45.00	67.50	90.00	112.50	135.00	152.37

8 INQUIRIES

For any inquiries please contact:

<p>Yusef Ibrahim Alghamdi Airside Operations Sr. Manager Yighamdi@riyadhairports.com Tel: 0503300165</p>	<p>Airside Operations Duty Manager aadm@riyadhairports.com Tel: 0112219479</p>
<p>Mohammed A. Alayyar Riyadh Tower Operations Supervisor malayyar@sans.com.sa Tel: 0506441888</p>	<p>Riyadh ATC Tower rtwr@sans.com.sa Tel: 0112211141</p>