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Effective date: 23 MAR 2023

**AIRAC
AIP SUP**

**03
23 MAR 2023**

AIRAC AIP SUPPLEMENT 03/23

**Work in progress for taxiway construction and apron at
TULCEA / Delta Dunării Airport
Stage II**

**Lucrări de construcție căi de rulare și platforma de îmbarcare-debarcare la
Aeroportul TULCEA / Delta Dunării
Etapa II**

The construction works related to stage II. As a result, TWY C will be in service. The area is delimited, marked and lighted accordingly. Also, the Apron parking stands position has been modified

Se continuă lucrările de construcție aferente etapei II. Drept urmare, TWY C va fi introdusă în utilizare. Zona de șantier este delimitată, marcată și balizată corespunzător. De asemenea, au fost modificate pozițiile de parcare de la Apron.

LRTC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	<i>Apron designation, surface and strength</i>	Surface: Concrete Strength: 71/R/C/W/T Stands 1, 2 65/R/C/W/T Stands 3, 4 54/R/C/W/T Stands 5, 6
2	<i>Taxiway designation, width, surface and strength</i>	Width: TWY A, B, C: 18 M Surface: TWY A, B, C: Concrete Strength: TWY A: 52/R/C/W/T TWY B: 54/R/C/W/T TWY C: 65/R/C/W/T
3	<i>ACL location and elevation</i>	NIL
4	<i>VOR checkpoints</i>	NIL
5	<i>INS checkpoints</i>	INS 1: 450348.82N 0284303.07E INS 2: 450350.26N 0284301.89E INS 3: 450351.80N 0284301.41E INS 4: 450353.34N 0284300.91E INS 5: 450354.36N 0284259.52E INS 6: 450354.99N 0284259.32E
6	<i>Remarks</i>	RWY turning bay: Location: THR 16, THR 34 Surface: Asphalt Dimensions: 100 M x 20 M Strength: THR 16 - 61/F/C/W/T THR 34 - 135/F/C/W/T

LRTC AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	<i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i>	Taxiing guidance signs at intersections with TWY, guide lines on the apron. Mandatory instructions markings.
2	<i>RWY and TWY markings and LGT</i>	RWY: - markings: designation, THR, TDZ, centre line, aiming point, edges, RWY end; - lights: runway edges lights, THR lights, runway end lights, wing bar lights, runway centerline lights, TDZ lights on RWY 34. TWY: - markings: centre line, runway holding position, edges, enhanced centerline, runway designator marking; - lights: centerline lights, taxiway edges lights, stop bar lights, runway guard lights .
3	<i>Stop bars and runway guard lights</i>	Red stop bar and runway guard lights at holding position
4	<i>Other RWY protection measure</i>	NIL
5	<i>Remarks</i>	THR 34 displaced 67 M.

LRTC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coord RWY end coord THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
34	347.53°	2060 x 45	61/F/C/W/T Asphalt	450314.96N 0284301.80E 450417.99N 0284242.13E GUND 105.0 FT	THR 137.7 FT TDZ 175.2 FT	1.4% (517 M) 1.7% (544 M) 0.9% (306 M) 0.6% (693 M)
16	167.53°	2060 x 45	61/F/C/W/T Asphalt	450417.99N 0284242.13E 450312.83N 0284302.47E GUND 105.0 FT	THR 200.0 FT	-0.6% (693 M) -0.9% (306 M) -1.7% (544 M) -1.4% (517 M)
SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system	OFZ	Remarks
8	9	10	11	12	13	14
NIL	60 x 180	2180 x 280	228 x 150	NIL	NIL	Slope on first quarter of RWY 34 exceeding 0.8%
NIL	285 x 180	2180 x 280	228 x 150	NIL	NIL	NIL

LRTC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	NIL
2	LDI location and LGT Anemometer location and LGT	NIL WDI on TWR building.
3	TWY edge and centre line lighting	TWY edge blue omnidirectional lights LIL. TWY centre line green/green, yellow/green lights.
4	Secondary power supply/switch-over time	Secondary power supply to all lighting on the AD; Switch-over time 1 SEC.
5	Remarks	NIL

The following charts are temporary suspended:

Se suspendă temporar următoarele hărți:

AD 2.17-20/05 DEC 2019, AD 2.17-20a/05 DEC 2019, AD 2.17-21/28 IAN 2019, AD 2.17-22/28 IAN 2019,
AD 2.17-25/05 DEC 2019, AD 2.17-26/05 DEC 2019.

The following charts are temporary in force:

Se adaugă temporar următoarele hărți:

AD 2.17-20/23 MAR 2023, AD 2.17-20a/23 MAR 2023, AD 2.17-22/23 MAR 2023,
AD 2.17-25/23 MAR 2023, AD 2.17-26/23 MAR 2023.

Estimated work period is about 6 months.

Durata estimată a lucrărilor este de 6 luni.

- END -

- SFÂRȘIT -

AERODROME CHART - ICAO
 45° 03' 46" N
 028° 42' 52" E
ELEV 200FT

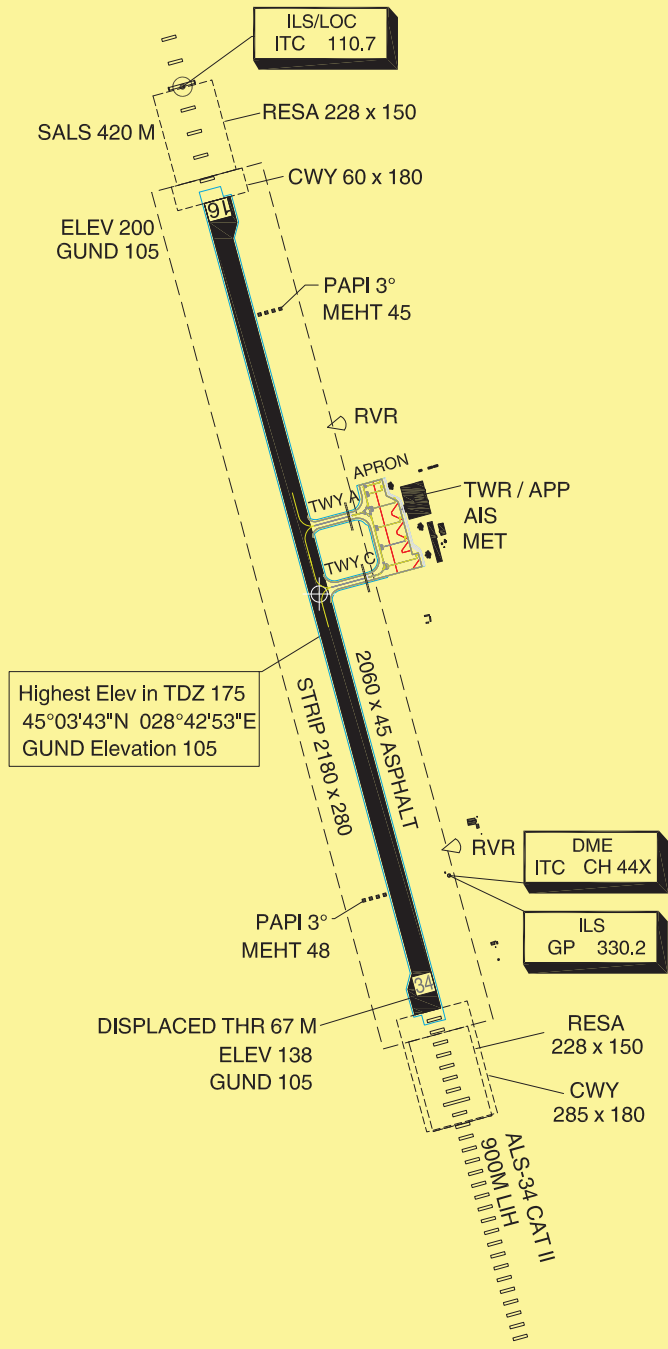
TULCEA TOWER 119.755
 TULCEA TWR ALTN 120.300

**TULCEA /
 Delta Dunării -
 Tulcea (LRTC)**

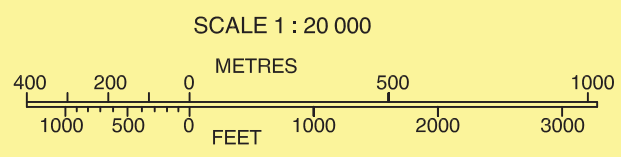
RWY	DIRECTION	THR	BEARING STRENGTH
16	161°	45°04'18"N 028°42'42"E	61/F/C/W/T
34	341°	45°03'15"N 028°43'02"E	
HELIPORT			

↑
 VAR 6°E 2019
 ANNUAL RATE
 OF CHANGE 7.2'E

ELEVATIONS IN FEET
 DIMENSIONS IN METRES
 BEARINGS ARE MAGNETIC

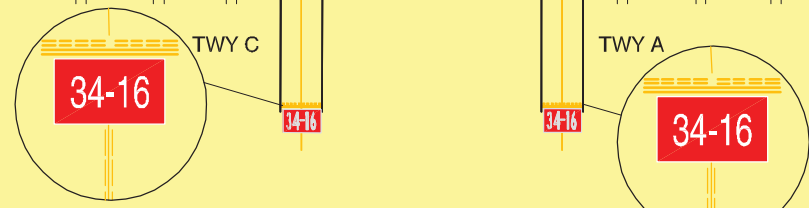
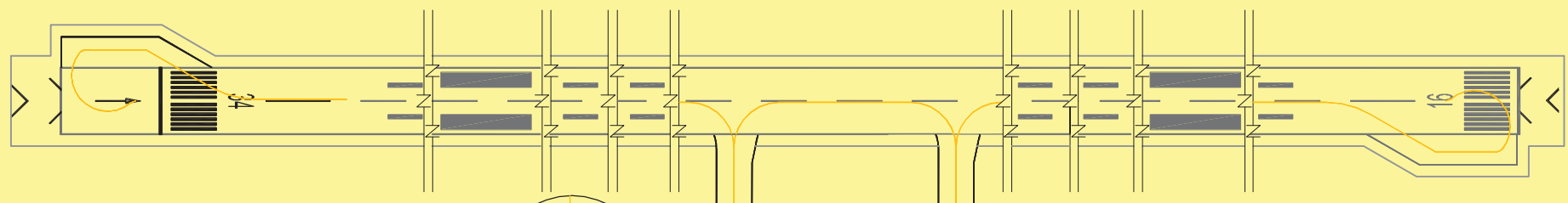


LEGEND	
FLOODLIGHTS	☀
AERODROME REFERENCE POINT	⬮
BUILDING OR LARGE STRUCTURE	■
ATC SERVICE BOUNDARY	----
RVR OBSERVATION SITE	◁
APPROACH LIGHTS	—
MOVEMENT SURFACE BOUNDARY	—

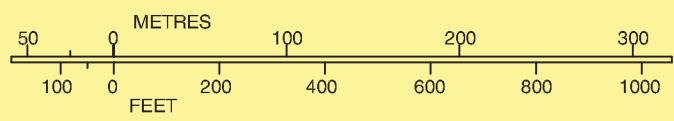
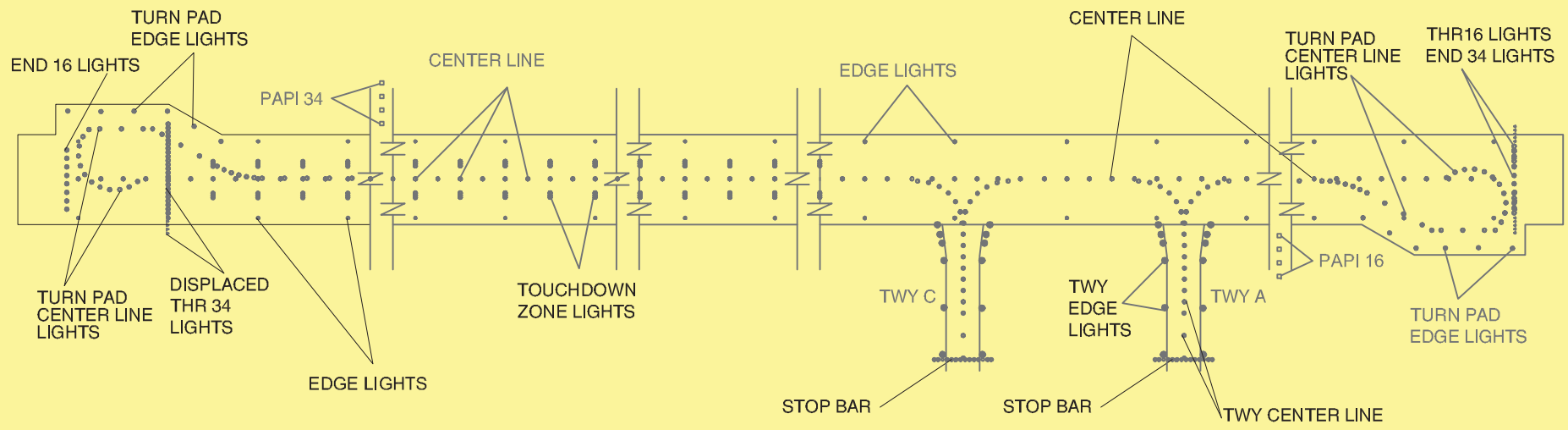


ANNUAL RATE
OF CHANGE 7.2E
VAR 6°E 2019

MARKING AIDS RWY 34 / 16 AND EXIT TWY



LIGHTING AIDS RWY 34 / 16 AND EXIT TWY



**AIRCRAFT PARKING /
DOCKING CHART - ICAO**

APRON ELEV
178FT

TULCEA TOWER 119.755
TULCEA TWR ALTN 120.300

**TULCEA /
Delta Dunării -
Tulcea (LRTC)**

ELEVATIONS IN FEET
DIMENSIONS IN METRES
BEARINGS ARE MAGNETIC

APRON BEARING STRENGTH PCN 54/R/C/W/T

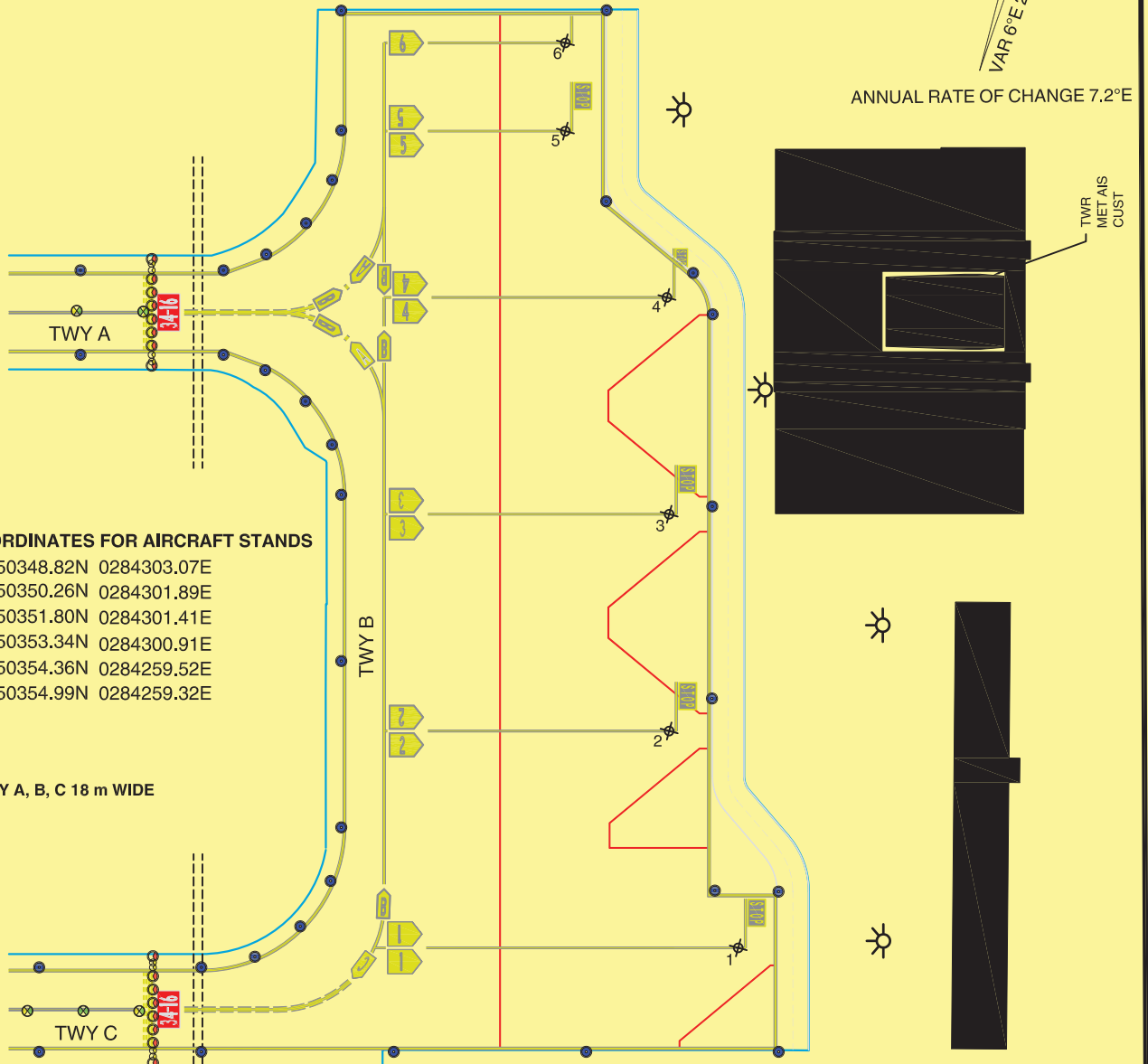
VAR 6°E 2019

ANNUAL RATE OF CHANGE 7.2°E

INS COORDINATES FOR AIRCRAFT STANDS

INS 1 450348.82N 0284303.07E
INS 2 450350.26N 0284301.89E
INS 3 450351.80N 0284301.41E
INS 4 450353.34N 0284300.91E
INS 5 450354.36N 0284259.52E
INS 6 450354.99N 0284259.32E













TWY A, B, C 18 m WIDE



BEARING STRENGTH:

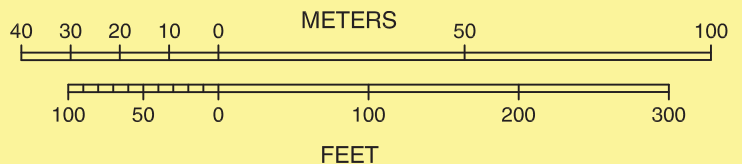
STANDS 1,2 71 / R / C / W / T
STANDS 3,4 65 / R / C / W / T
STANDS 5,6 54 / R / C / W / T
TWY A 52 / R / C / W / T
TWY B 54 / R / C / W / T
TWY C 65 / R / C / W / T

LEGEND:

- TAXI GUIDANCE LINE 
- INS CHECK POINTS 
- TO AIRCRAFT STAND 
- FLOODLIGHT 
- BUILDING 
- MOVEMENT SURFACE BOUNDARY 
- ATC SERVICE BOUNDARY 
- TAXI HOLDING POSITION 
- ENHANCED TAXIWAY CENTRE LINE MARKING 
- APRON SAFETY LINES 
- RUNWAY HOLDING POSITION LIGHT 
- TAXIWAY CENTER LINE LIGHT 
- TAXIWAY EDGE LIGHT 
- GUARD LIGHT 

Stand no.	Aircraft	Maximum Aircraft Type
1 - 4	Aircraft with wingspan = 36m (Code letter C)	B 737
5 - 6	Aircraft with wingspan = 16m (Code letter B)	Cessna Caravan

Exit with push-back and marshaller assistance



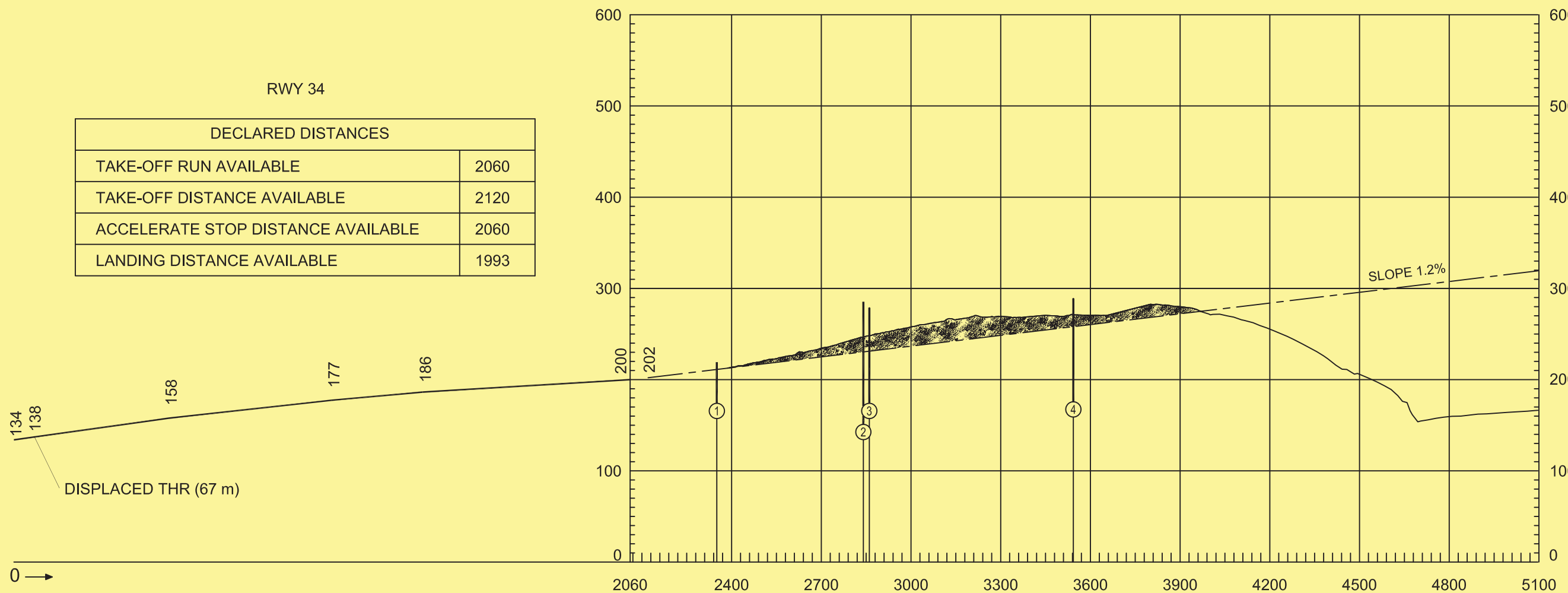
AERODROME OBSTACLE CHART - ICAO
TYPE A (OPERATING LIMITATIONS)

TULCEA / Delta Dunării Tulcea (LRTC)

ELEVATIONS IN FEET AND LINEAR DIMENSIONS IN METRES

MAGNETIC VARIATION 6° E - 2019

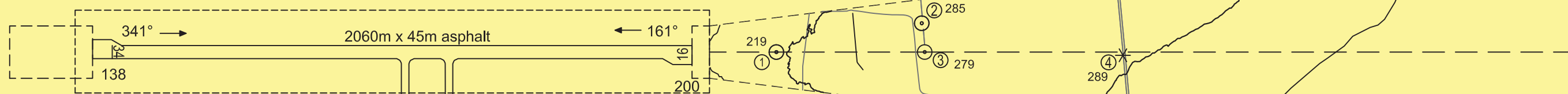
DECLARED DISTANCES	
TAKE-OFF RUN AVAILABLE	2060
TAKE-OFF DISTANCE AVAILABLE	2120
ACCELERATE STOP DISTANCE AVAILABLE	2060
LANDING DISTANCE AVAILABLE	1993



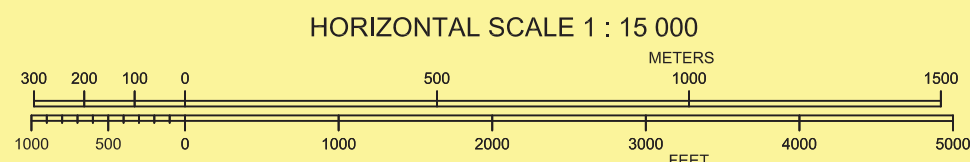
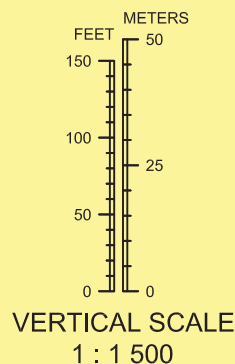
CWY
285 x 180 m

STRIP 2180m x 280m

CWY
60 x 180 m



LEGEND		
IDENTIFICATION NUMBER	①	
PRIMARY ROAD	———	
SECONDARY ROAD	———	
TERRAIN CONTOUR	~	
TERRAIN PENETRATING OBSTACLE PLANE	PLAN	PROFILE
ANTENNA, CHIMNEY, MAST, POLE, SPIRE or CRANE	⊙	
TREES	✕	



ORDER OF ACCURACY:
HORIZONTAL: 0.5 METERS
VERTICAL: 1 FT

AMENDMENT RECORD		
NO.	DATE	ENTERED BY

AERODROME OBSTACLE CHART - ICAO
TYPE A (OPERATING LIMITATIONS)

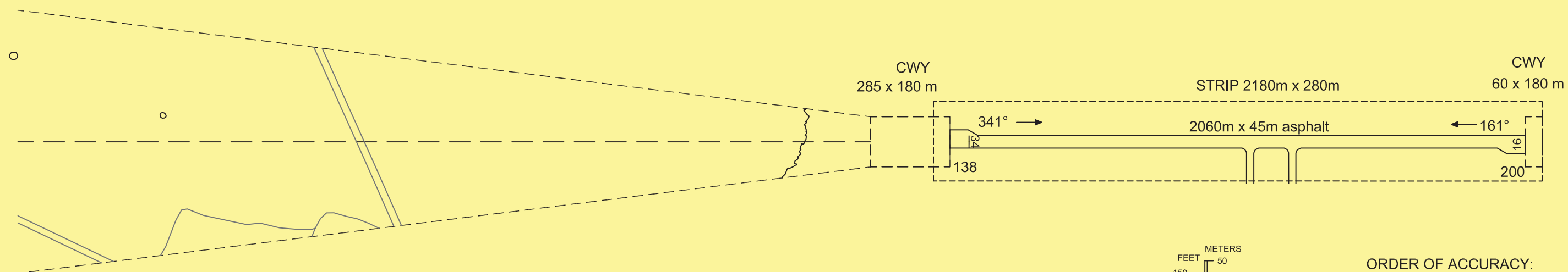
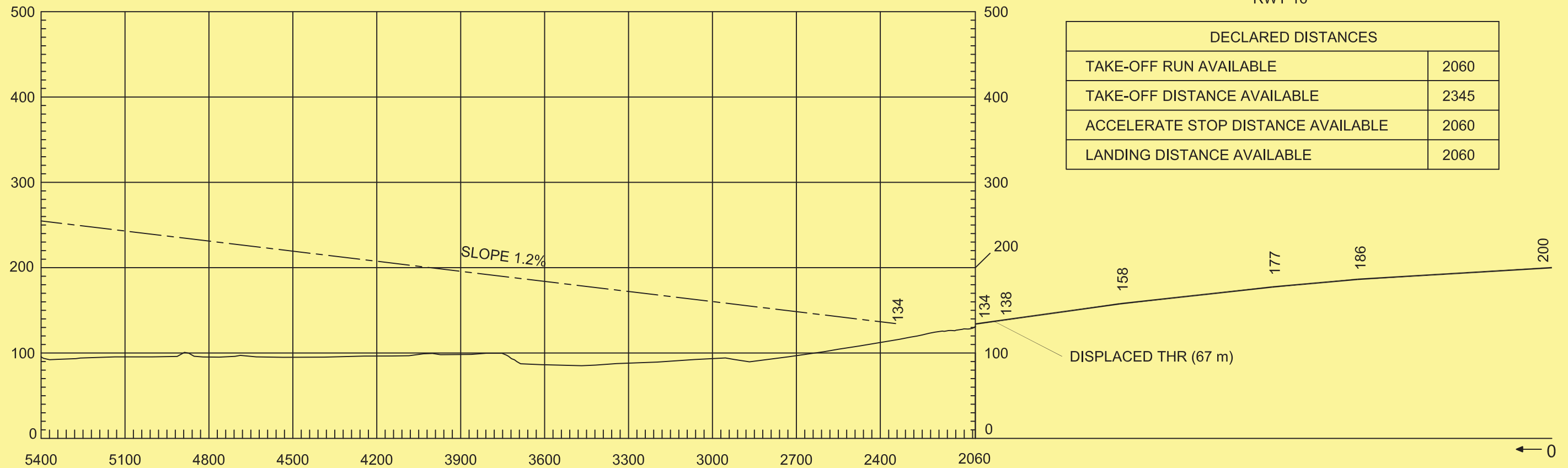
TULCEA / Delta Dunării Tulcea (LRTC)

ELEVATIONS IN FEET AND LINEAR DIMENSIONS IN METRES

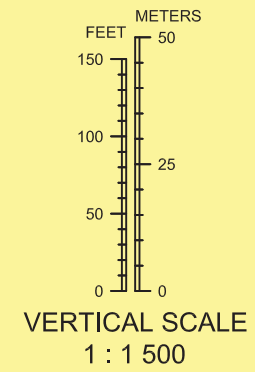
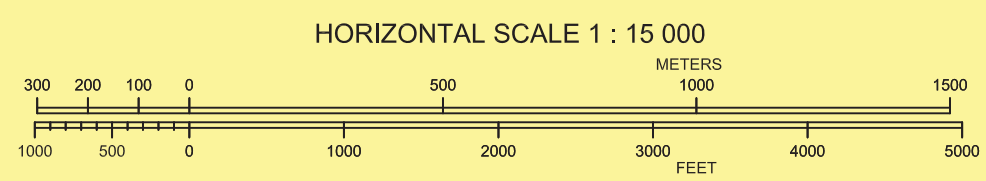
MAGNETIC VARIATION 6° E - 2019

RWY 16

DECLARED DISTANCES	
TAKE-OFF RUN AVAILABLE	2060
TAKE-OFF DISTANCE AVAILABLE	2345
ACCELERATE STOP DISTANCE AVAILABLE	2060
LANDING DISTANCE AVAILABLE	2060



LEGEND	
PRIMARY ROAD	
SECONDARY ROAD	
TERRAIN CONTOUR	
RAILROAD	



ORDER OF ACCURACY:
HORIZONTAL: 0.5 METERS
VERTICAL: 1 FT

AMENDMENT RECORD		
NO.	DATE	ENTERED BY