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**AIRAC
AIP SUP**

**01
21 MAY 2020**

AIRAC AIP SUPPLEMENT 01/20
Work in progress at BACĂU/George Enescu airport
Phase II

In this phase, RWY 16 THRESHOLD and RWY 34 END will be displaced with 500m to the south. Accordingly to the shortening of the runway 16/34, the following modifications are to be operated:

- displaced RWY 16 THRESHOLD and RWY 34 END coordinates: N 46°31'42".30 / E 026°54'27".43;
- PAPI 16 unserviceable;
- ILS 34 unserviceable;
- RWY 16 authorized conditions of operation: VFR;
- RWY 34 authorized conditions of operation: IFR, NDB RWY 34;
- markings modified accordingly (see MARKING AIDS RWY 16 / 34 AND EXIT TWY);
- RWY physical characteristics:

LRBC 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
16	164.82°	2000 x 45	20/R/A/W/T Asphalt	463142.30N 0265427.43E 463039.79N 0265451.99E GUND 108 FT	THR 603 FT	0% (750 M) -0.5% (1250 M)
34	344.83°	2000 x 45	20/R/A/W/T Asphalt	463039.97N 0265451.92E 463142.30N 0265427.43E GUND 109 FT	THR 591 FT	0.5% (1250 M) 0% (750 M)
SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system		Remarks
8	9	10	11	12	OFZ	14
NIL	400 x 200	2120 x 300	NIL	NIL	NIL	NIL
NIL	60 x 200	2120 x 300	NIL	NIL	NIL	Asphalt (2000 M) RWY 34 turn pad Location: THR 34 Surface: Asphalt Dimensions: 100mx78m Strength: 20/R/A/W/T

- declared distances:

LRBC AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
16	2000	2400	2000	2000	NIL
34	2000	2060	2000	2000	NIL

**Lucrări de modernizare la pista Aeroportului BACĂU/George Enescu
etapa a-II-a**

- În această etapă, pragul pistei pe direcția 16 și sfârșitul pistei pe direcția 34 se va deplasa cu 500m spre sud. Corespunzător reducerii lungimii pistei de decolare/aterizare, se produc următoarele modificări:
- coordonatele noului prag al pistei pe direcția 16, identice cu coordonatele sfârșitului pistei pe direcția 34, sunt următoarele: N 46°31'42".30 / E 026°54'27".43;
 - PAPI 16, scos din funcțiune;
 - sistemul ILS 34, scos din funcțiune;
 - condițiile de operare pe pista 16: VFR;
 - condițiile de operare pe pista 34: IFR, se operează cu procedura de apropiere NDB;
 - se modifică marcajele de zi corespunzător scurtării pistei de decolare/aterizare (vezi harta MARKING AIDS RWY 16 / 34 AND EXIT TWY);
 - caracteristicile fizice ale pistei:

LRBC 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		Slope of RWY-SWY
					APP RWY		
1	2	3	4	5	6	7	
16	164.82°	2000 x 45	20/R/A/W/T Asphalt	463142.30N 0265427.43E 463039.79N 0265451.99E GUND 108 FT	THR 603 FT		0% (750 M) -0.5% (1250 M)
34	344.83°	2000 x 45	20/R/A/W/T Asphalt	463039.97N 0265451.92E 463142.30N 0265427.43E GUND 109 FT	THR 591 FT		0.5% (1250 M) 0% (750 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	400 x 200	2120 x 300	NIL	NIL	NIL	NIL	NIL
NIL	60 x 200	2120 x 300	NIL	NIL	NIL	NIL	Asphalt (2000 M) RWY 34 turn pad Location: THR 34 Surface: Asphalt Dimensions: 100mx78m Strength: 20/R/A/W/T

- distanțele declarate ale pistei:

LRBC AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
16	2000	2400	2000	2000	NIL
34	2000	2060	2000	2000	NIL

- approach and RWY lighting available as follows:

LRBC AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT, LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN(M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
16	NIL	Green -	NIL	NIL	NIL	1400M, 58M, White, LIH	Red -	NIL	NIL
34	Cat. I 900 M LIH	Green -	PAPI 3° (50FT)	NIL	NIL	1400M, 58M, White, LIH 600M, 58M, Yellow, LIH	Red -	NIL	NIL

- the following charts are suspended: AD 2.2-20/30 JAN 2020, AD 2.2-20a/30 JAN 2020, AD 2.2-25/30 JAN 2020, AD 2.2-26/30 JAN 2020, AD 2.2-51/06 DEC 2018, AD 2.2-51a/07 DEC 2017, AD 2.2-93/06 DEC 2018, AD 2.2-93a/07 DEC 2017;
- the following charts are available AD 2.2-20/21 MAY 2020, AD 2.2-20a/21 MAY 2020, AD 2.2-25/21 MAY 2020, AD 2.2-26/21 MAY 2020;
- before landing, aircraft will be informed by TWR on the displacement of RWY 16 THRESHOLD and RWY 34 END by 500m, during the entire work period on second phase, using the following terminology:

**"CAUTION, WORK IN PROGRESS.
DISPLACED RWY 16 THRESHOLD AND RWY 34 END WITH 500M."**

- the length of working area will be 350m;
- between operational runway (2000m) and working area (350m) will be a safety area of 150m, free of obstacles, including runway strip 60m;
- estimated work period is about 95 days.

- END -

- luminile de apropiere și balizajul corespunzător scurtării pistei de decolare/aterizare sunt disponibile după cum urmează:

LRBC AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT, LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN(M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
16	NIL	Green	NIL	NIL	NIL	1400M, 58M, White, LIH	Red	NIL	NIL
34	Cat. I 900 M LIH	Green	PAPI 3° (50FT)	NIL	NIL	1400M, 58M, White, LIH 600M, 58M, Yellow, LIH	Red	NIL	NIL

- se suspendă următoarele hărți: AD 2.2-20/30 JAN 2020, AD 2.2-20a/30 JAN 2020, AD 2.2-25/30 JAN 2020, AD 2.2-26/30 JAN 2020, AD 2.2-51/06 DEC 2018, AD 2.2-51a/07 DEC 2017, AD 2.2-93/06 DEC 2018, AD 2.2-93a/07 DEC 2017;
- se introduc următoarele hărți: AD 2.2-20/21 MAY 2020, AD 2.2-20a/21 MAY 2020, AD 2.2-25/21 MAY 2020, AD 2.2-26/21 MAY 2020;
- înainte de aterizare, aeronavele vor fi informate de către TWR asupra noului prag la 16, de sfârșitul pistei pe direcția 34 mai scurtă cu 500m, pe întreaga perioadă a lucrărilor din faza II, utilizând următoarea frazeologie:

**"CAUTION, WORK IN PROGRESS.
DISPLACED RWY 16 THRESHOLD AND RWY 34 END WITH 500M."**

- zona de lucru are o lungime de 350m;
- între pista operațională (2000m) și zona de lucru (350m) va exista o zona de siguranță de 150m, liberă de obstacole din care banda pistei 60m;
- durata estimată a etapei cu prag decalat, este de 95 zile.

- SFÂRȘIT -

AERODROME CHART - ICAO

46° 31' 19" N
026° 54' 37" E
ELEV 607FT

BACAU TOWER 120.980
BACAU TOWER ALTN 118.600

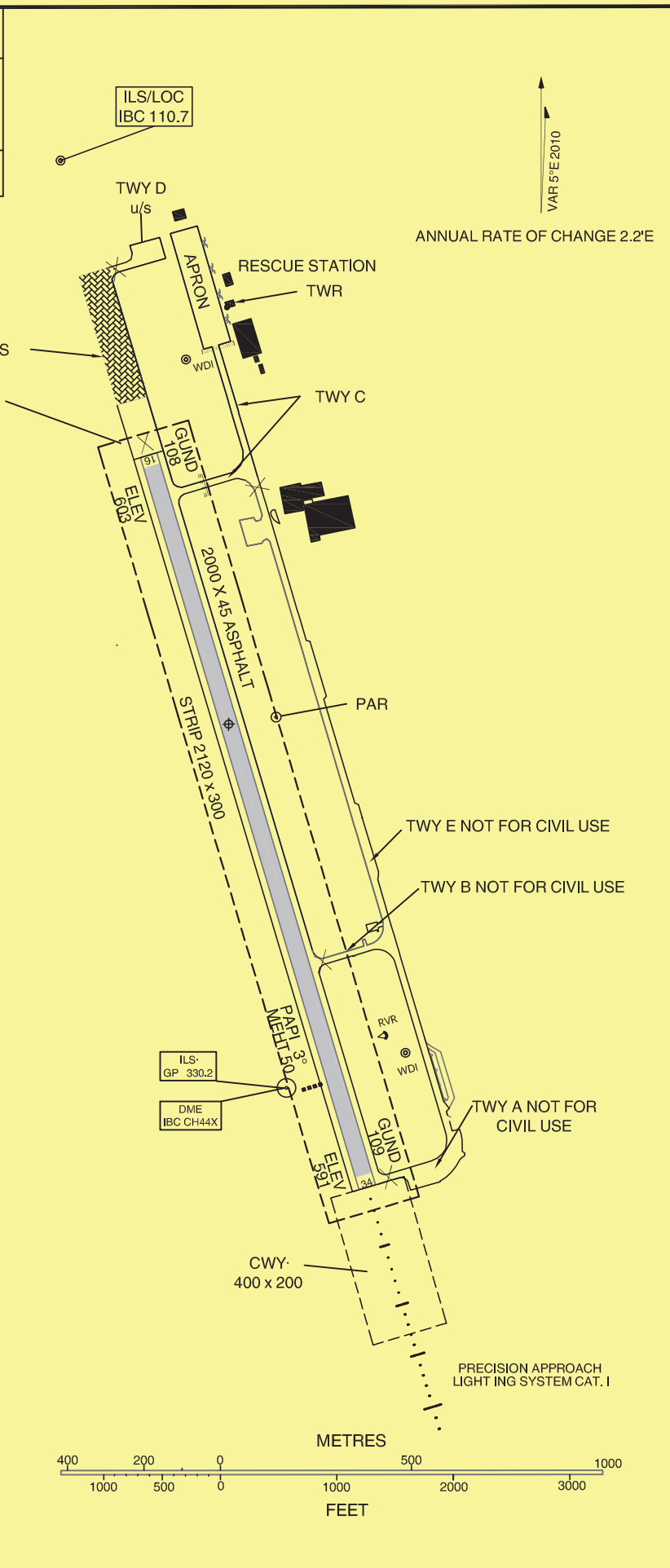
**BACĂU / George Enescu
(LRBC)**

RWY	DIRECTION	THR	BEARING STRENGTH
16	160°	46°31'42"N 026°54'27"E	20/R/A/W/T
34	340°	46°30'40"N 026°54'52"E	
HELIPORT			

**ELEVATIONS IN FEET
DIMENSIONS IN METRES
BEARINGS ARE MAGNETIC**

TWYs Characteristics			
	TWY A	TWY B	TWY C
Width	18 M	16 M	18 M
Surface	Concrete		
Strength	17/R/C/W/T		21/R/B/W/T

LEGEND	
RWY HOLDING POSITION (RHP)	≡≡≡
RVR OBSERVATION SITE	◁
ATC SERVICE BOUNDARY	⋮⋮⋮⋮
APRON FLOODLIGHT	☼
WIND DIRECTION INDICATOR	⊙
AERODROME REFERENCE POINT	⊕
BUILDING	■



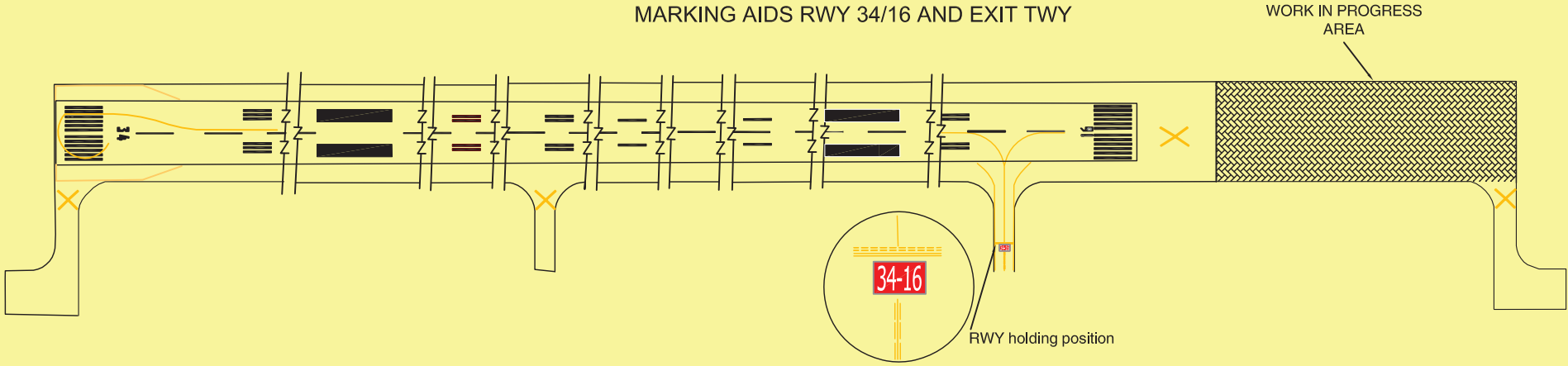
BACĂU / George Enescu
(LRBC)

46° 31' 19" N
026° 54' 37" E
ELEV 607FT

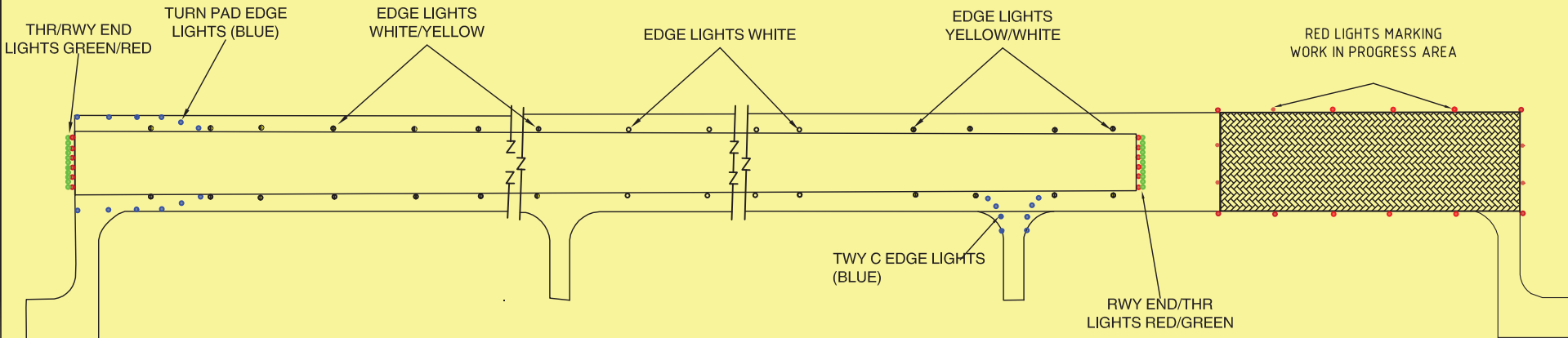
BACAU TOWER 120.980
BACAU TOWER ALTN 118.600

AERODROME CHART - ICAO

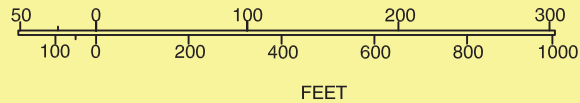
MARKING AIDS RWY 34/16 AND EXIT TWY



LIGHTING AIDS RWY 34/16 EXIT TWY



SCALE 1:5 000
METRES



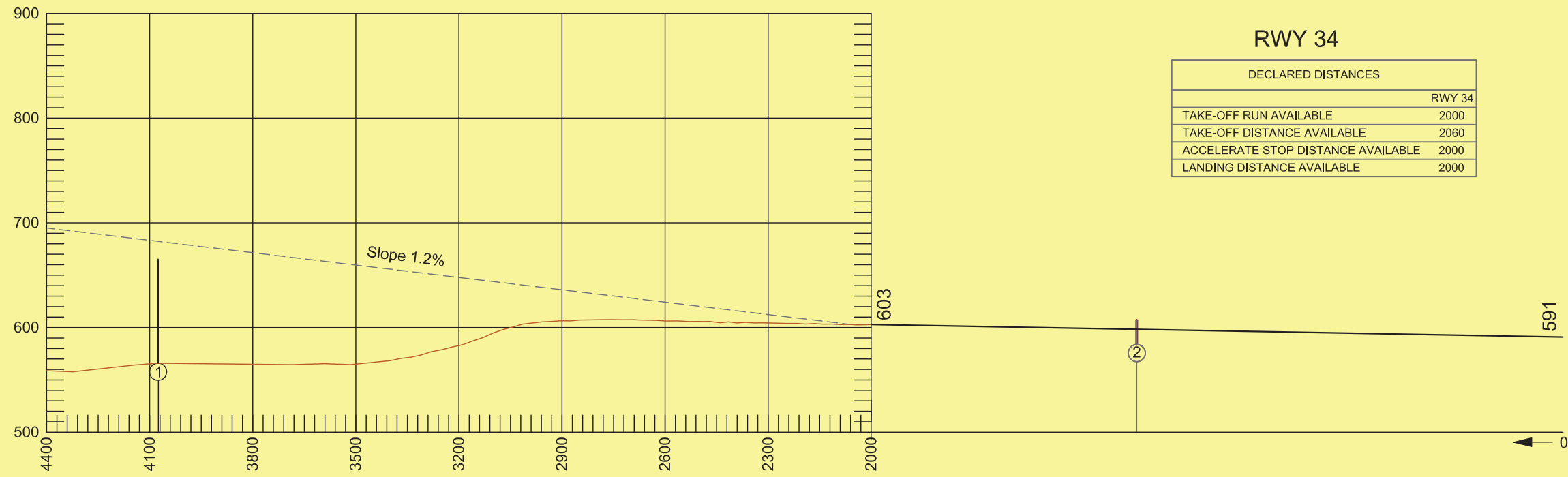
LEGEND	
RWY HOLDING POSITION (RHP)	
ENHANCED TAXIWAY CENTRELINE MARKING	

AERODROME OBSTACLE CHART - ICAO
TYPE A (OPERATING LIMITATIONS)

BACĂU / George Enescu (LRBC)
RWY34

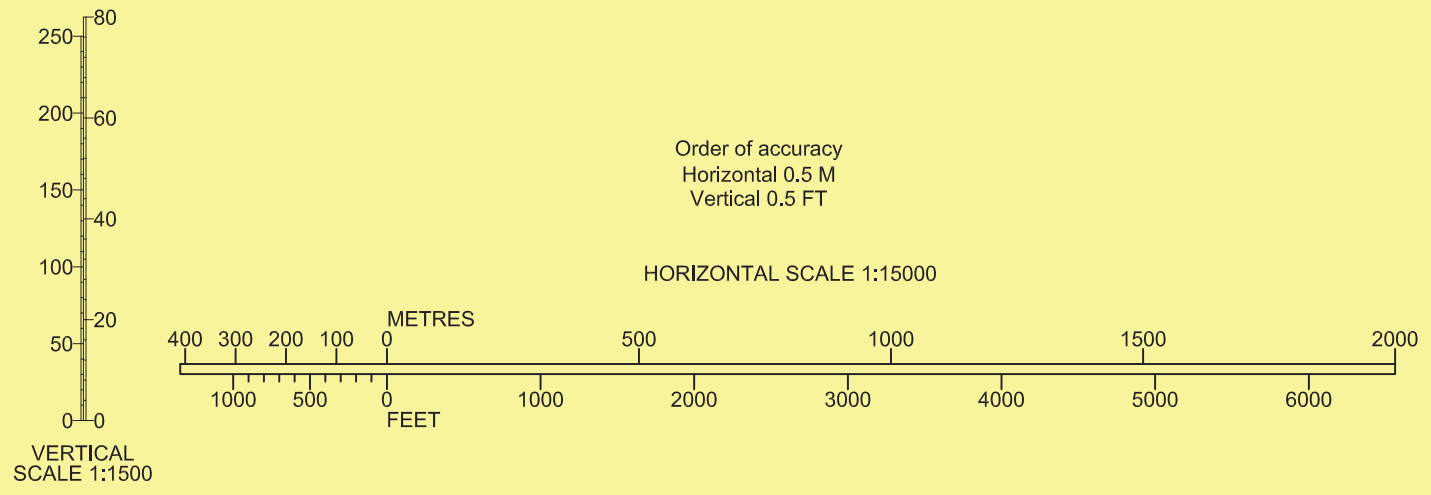
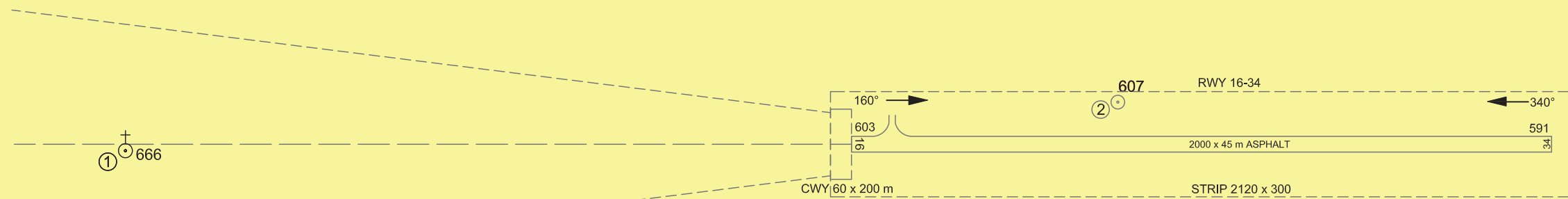
ELEVATIONS IN FEET AND DIMENSIONS IN METRES

MAGNETIC VARIATION 5° E - 2010



RWY 34

DECLARED DISTANCES	
	RWY 34
TAKE-OFF RUN AVAILABLE	2000
TAKE-OFF DISTANCE AVAILABLE	2060
ACCELERATE STOP DISTANCE AVAILABLE	2000
LANDING DISTANCE AVAILABLE	2000



LEGEND	
IDENTIFICATION NUMBER	①
POLE, TOWER, SPIRE, ANTENNA, etc.	⊙
CHURCH	⊕

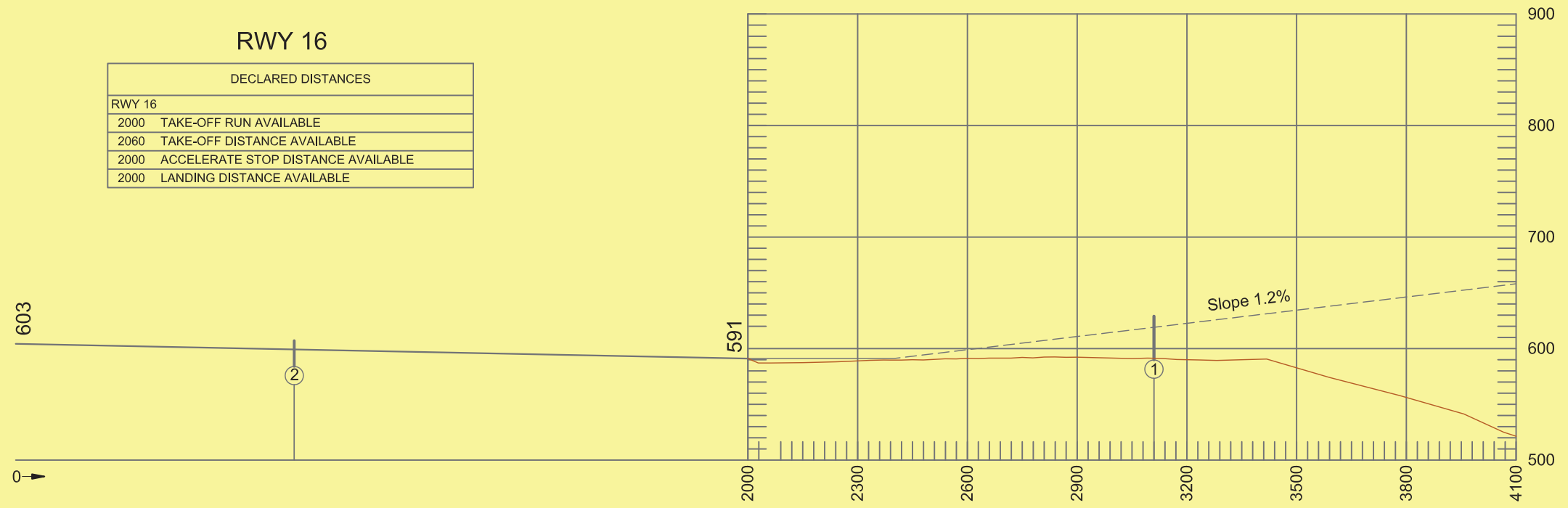
AMENDMENT RECORD		
NO.	DATE	ENTERED BY

AERODROME OBSTACLE CHART - ICAO
TYPE A (OPERATING LIMITATIONS)

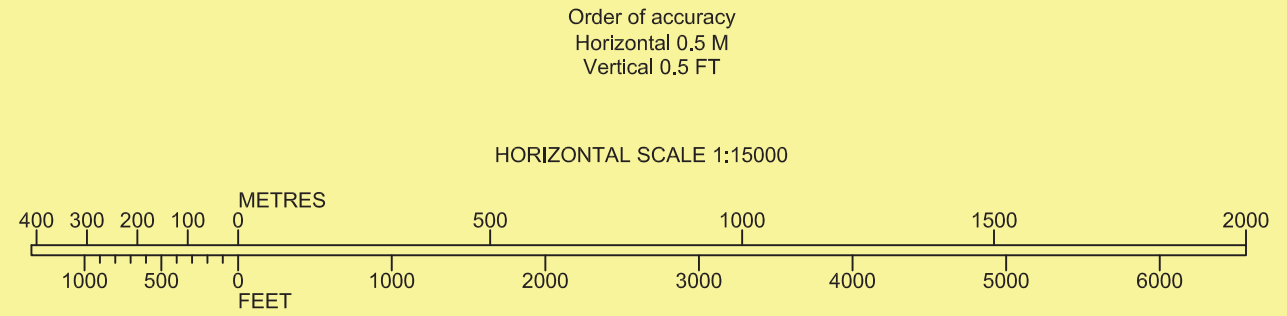
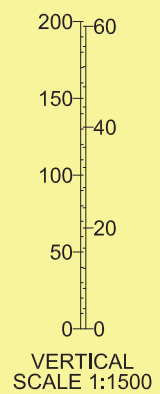
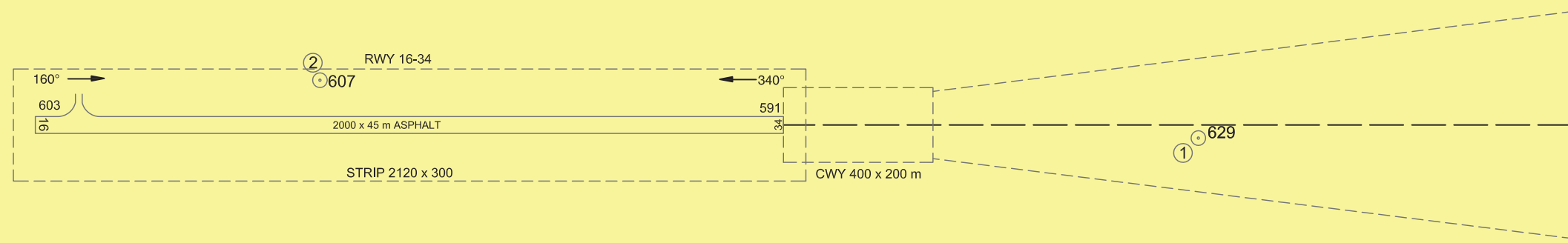
BACĂU / George Enescu (LRBC)
RWY16

ELEVATIONS IN FEET AND DIMENSIONS IN METRES

MAGNETIC VARIATION 5° E - 2010



DECLARED DISTANCES	
RWY 16	
2000	TAKE-OFF RUN AVAILABLE
2060	TAKE-OFF DISTANCE AVAILABLE
2000	ACCELERATE STOP DISTANCE AVAILABLE
2000	LANDING DISTANCE AVAILABLE



Order of accuracy
Horizontal 0,5 M
Vertical 0,5 FT

LEGEND	
IDENTIFICATION NUMBER	①
POLE, TOWER, SPIRE, ANTENNA, etc.	⊙
CHURCH	⊕

AMENDMENT RECORD		
NO.	DATE	ENTERED BY