

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
-----	-----------------	-------	----------	----------

No revision activity since Disc 22-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport LRAR

General Info

Arad, ROU

N 46° 10.6' E 21° 15.7' Mag Var: 3.1°E

Elevation: 352'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: 100LL, Jet, Jet A-1

Time Zone Info: GMT+2:00 uses DST

Runway Info

Runway 09-27 6562' x 148' concrete

Runway 09 (92.0°M) TDZE 345'

Lights: Edge, ALS, Centerline

Runway 27 (272.0°M) TDZE 352'

Lights: Edge, ALS, Centerline, TDZ

Communications InfoArad Tower **130.2****Notebook Info**

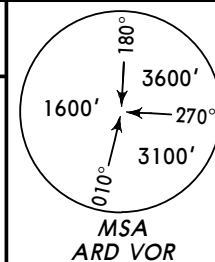
LRAR/ARW
ARAD

JEPPESEN
5 SEP 03 **10-2**

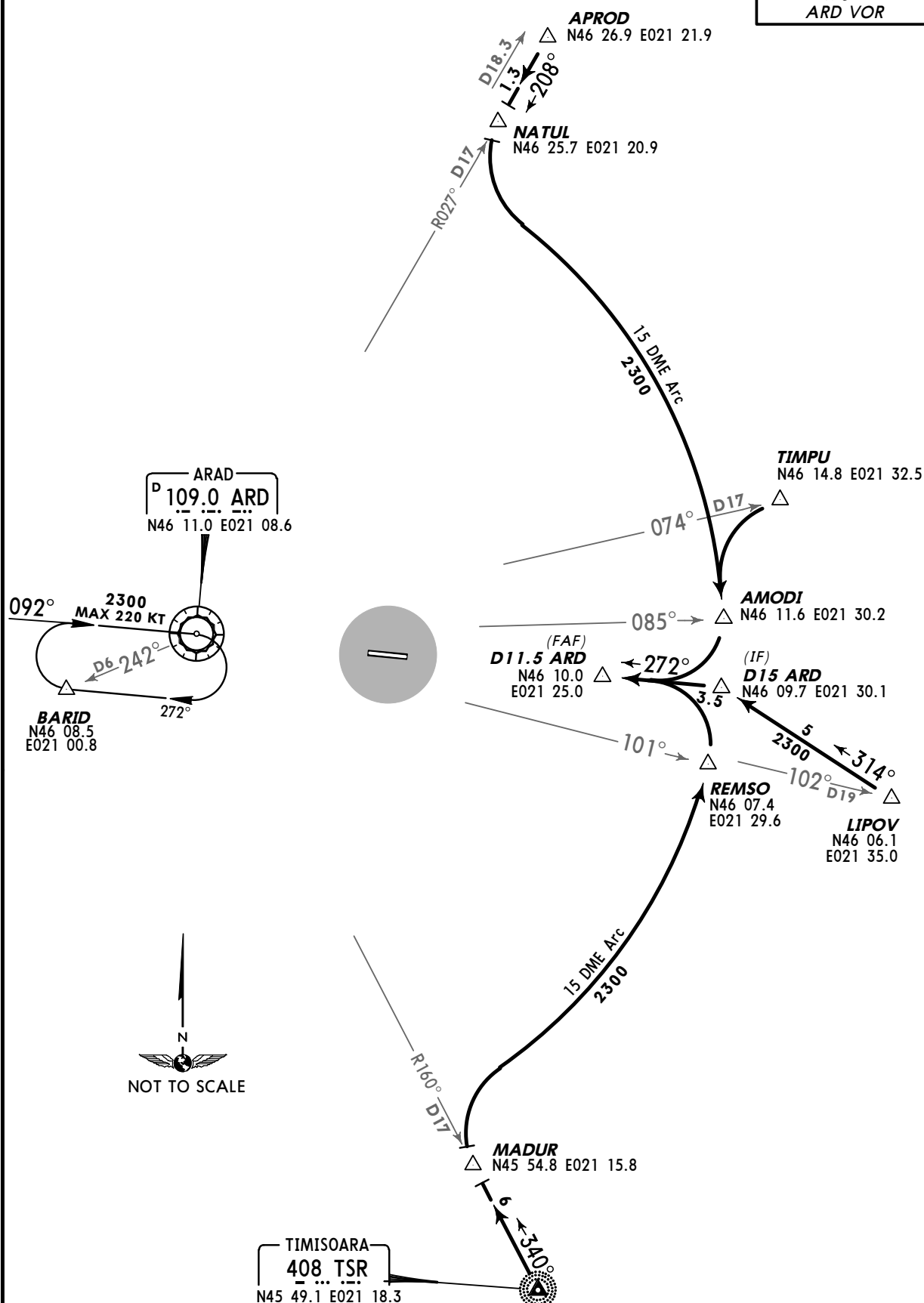
ARAD, ROMANIA
ARRIVAL

Apt Elev
352'

Alt Set: hPa (MM on request)
Trans level: By ATC Trans alt: 3000'



RWY 27 ARRIVAL PROCEDURES



LRAR/ARW

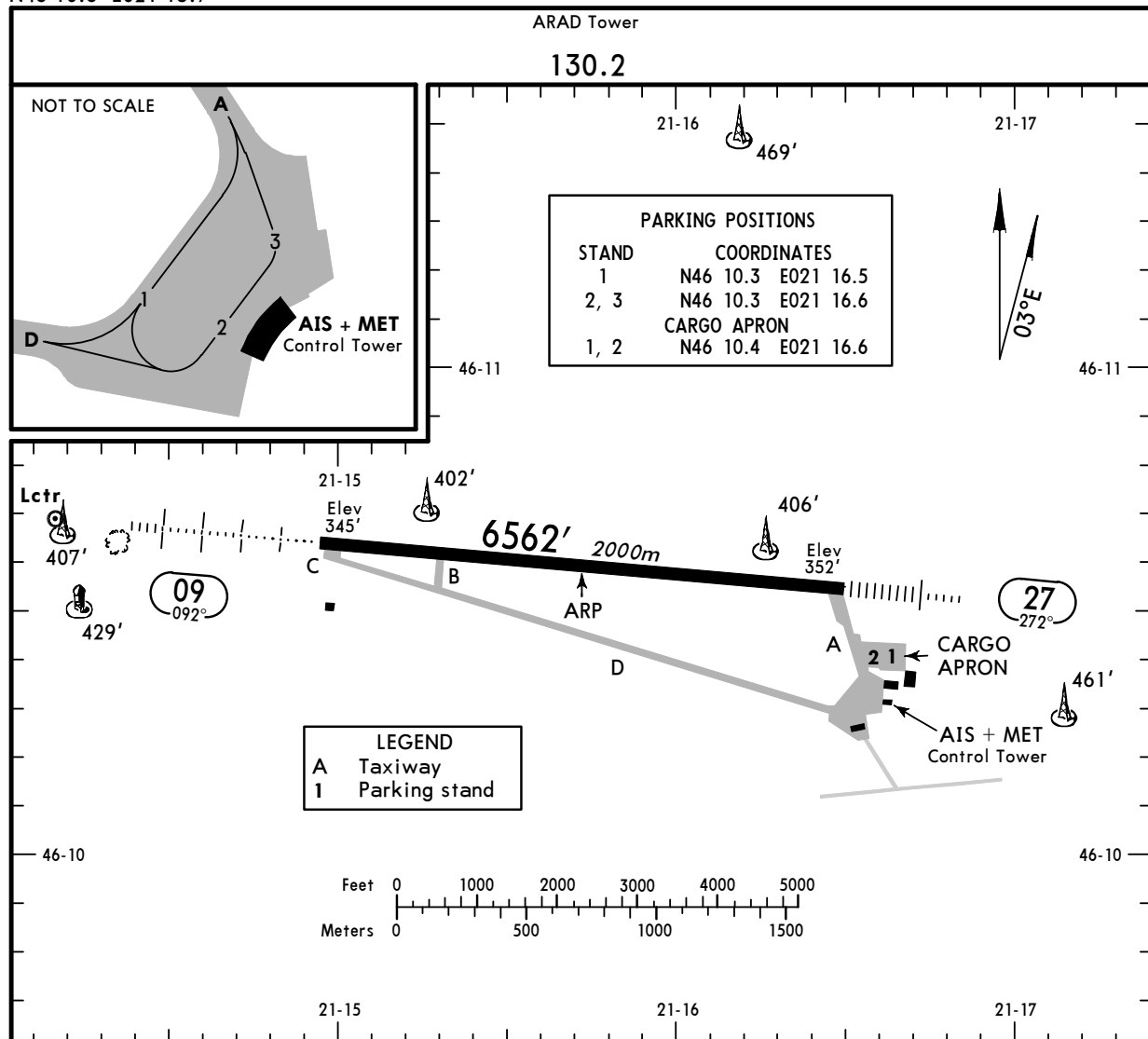
Apt Elev **352'**
N46 10.6 E021 15.7

JEPPESEN

16 JAN 09 (10-9)

ARAD, ROMANIA

ARAD



ADDITIONAL RUNWAY INFORMATION

		USABLE LENGTHS		TAKE-OFF	WIDTH
		LANDING BEYOND			
RWY		Threshold	Glide Slope		
09	HIRL (60m) CL(30m) HIALS		5332' 1625m		148'
27	HIRL (60m) CL(30m) HIALS-II TDZ PAPI-L (3.0°)		5568' 1697m		45m

JAR-OPS

TAKE-OFF 1

	All Rwy's			
	LVP must be in Force			
	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A				
B	200m	250m	400m	500m
C				
D	250m	300m		

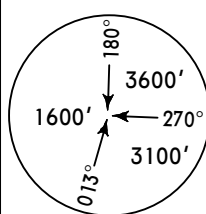
1 Operators applying U.S. Ops Specs: CL required below 300m.

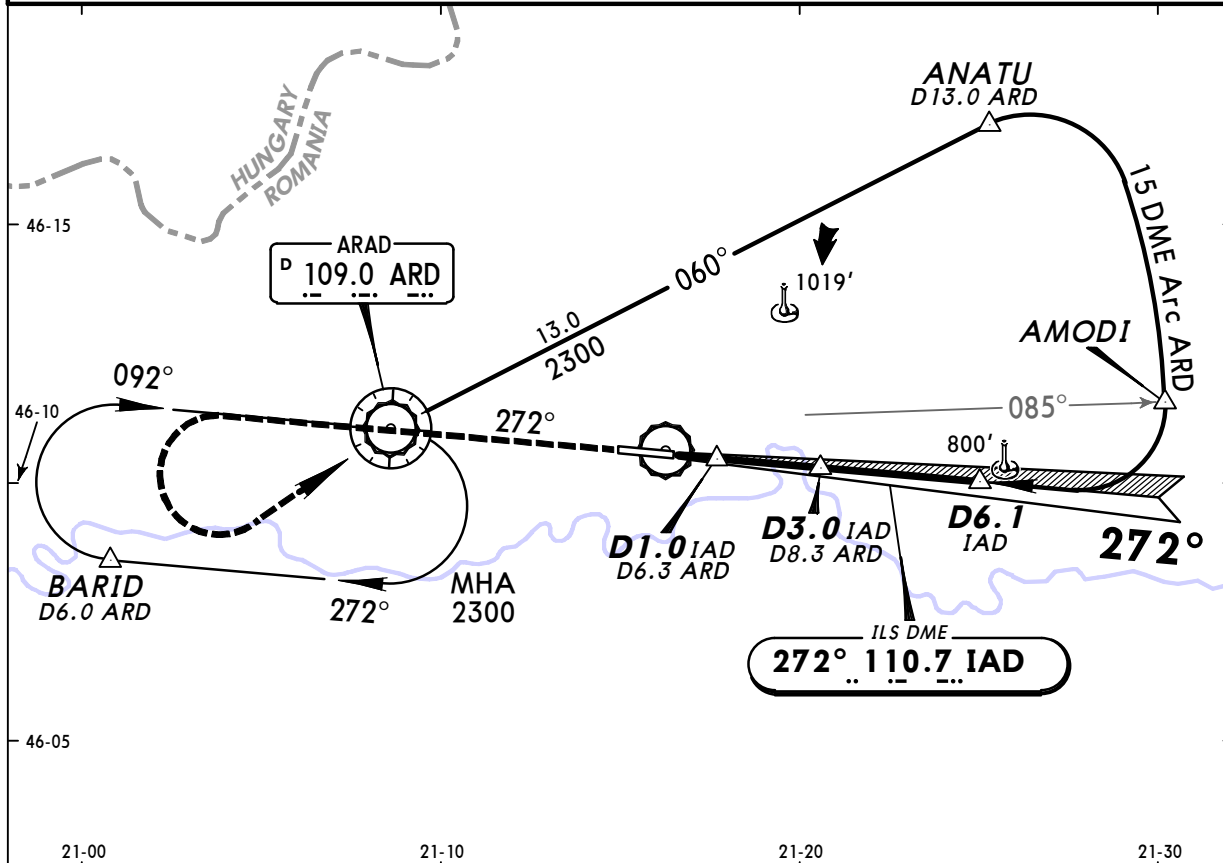
LRAR/ARW
ARAD

JEPPESEN
16 JAN 09 **(11-1)**

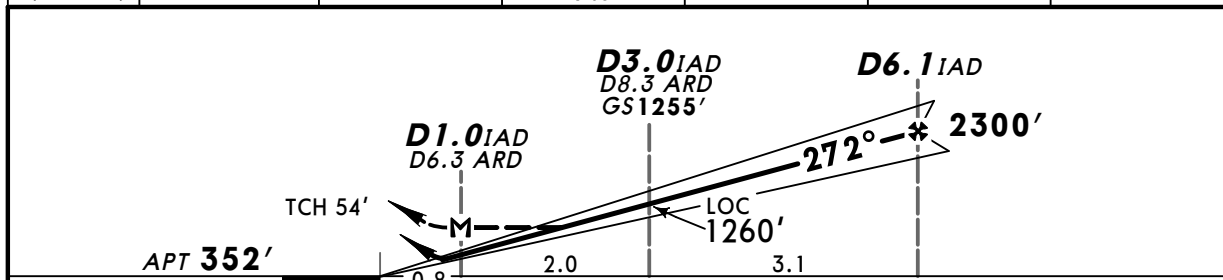
ARAD, ROMANIA
ILS DME Rwy 27

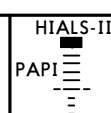
BRIEFING STRIP

Approach Control through Tower ARAD Tower 130.2					 MSA ARD VOR
LOC IAD 110.7	Final Apch Crs 272°	GS D3.0 IAD 1255' (903')	ILS DA(H) 552' (200')	Apt Elev 352'	
MISSED APCH: Climb STRAIGHT AHEAD to 2300', then turn LEFT and join holding.					
Alt Set: hPa (MM on req)		Apt Elev: 13 hPa		Trans level: By ATC	Trans alt: 3000'
1. Procedure restricted to MAX 210 KT. 2. ILS front course width 5.2°.					



LOC (GS out)	IAD DME	1.0	2.0	3.0	4.0	5.0
	ALTITUDE	620'	940'	1260'	1580'	1900'



Gnd speed-Kts	70	90	100	120	140	160	 2300'
ILS GS 3.00° or LOC Descent Gradient 5.2%	377	484	538	646	753	861	
MAP at D1.0 IAD/D6.3 ARD							

JAR-OPS		STRAIGHT-IN LANDING RWY 27		CIRCLE-TO-LAND	
ILS		LOC (GS out)			
DA(H) 552' (200')		MDA(H) 790' (438')			
FULL	ALS out		ALS out	Max Kts	MDA(H) VIS
RVR 700m	RVR 1000m	RVR 1200m	RVR 1500m	100	870' (518') 1500m
		RVR 1300m		135	870' (518') 1600m
		RVR 1400m	RVR 1800m	180	1410' (1058') 2400m
		RVR 1600m	RVR 2000m	205	1410' (1058') 3600m

PANS OPS 4

LRAR/ARW
ARAD

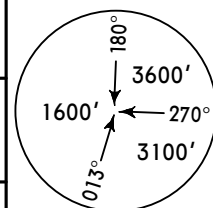
JEPPESEN
28 SEP 07 (13-1)

ARAD, ROMANIA
CIRCLING VOR DME Rwy 09

BRIEFING STRIP™

Approach Control through Tower
ARAD Tower
130.2

VOR ARD 109.0	Final Apch Crs 092°	Minimum Alt D2.7 ARD 2300' (1948')	MDA(H) Refer to Minimums	Apt Elev 352'
----------------------------	----------------------------------	--	--------------------------------	----------------------



MISSED APCH: Climb **STRAIGHT AHEAD** to 2300', then turn **LEFT** to **ARD VOR** and hold, or as directed.

MSA ARD VOR

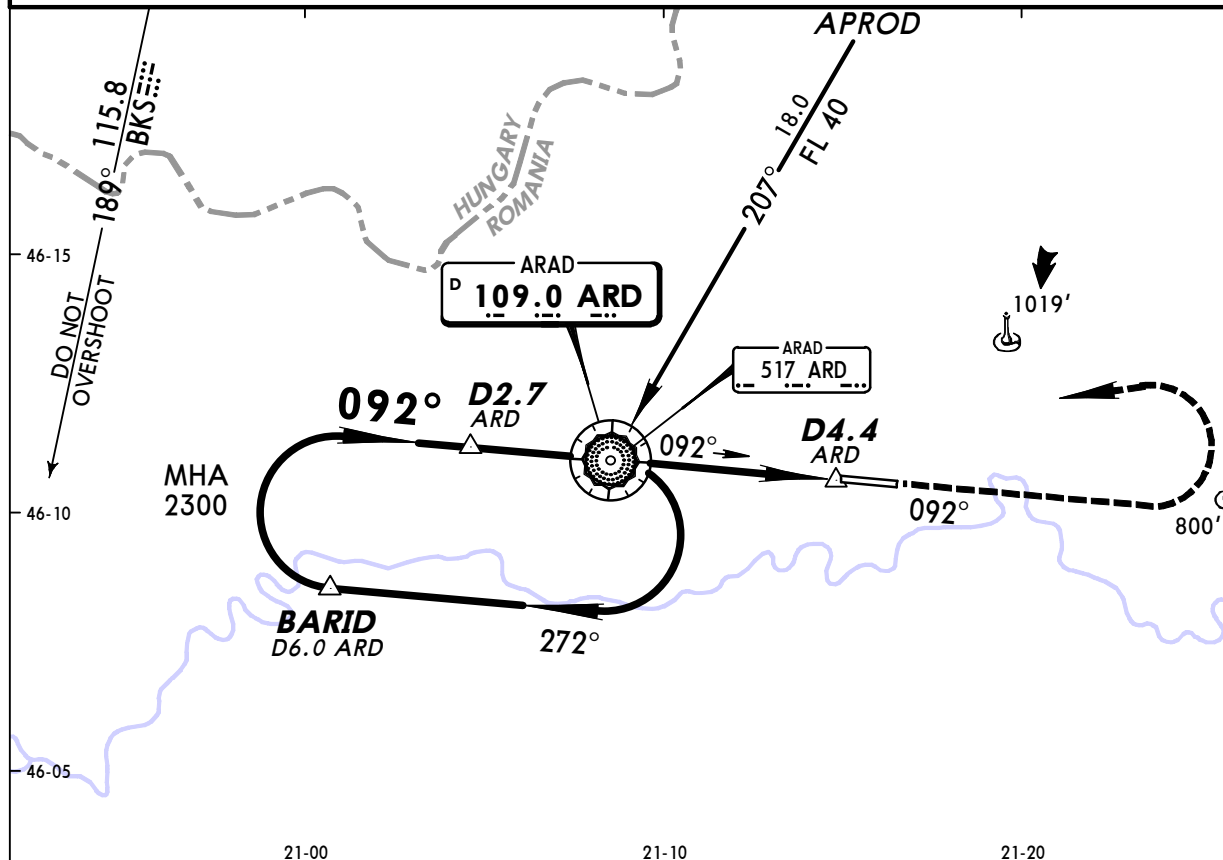
Alt Set: hPa (MM on req)

Apt Elev: 13 hPa

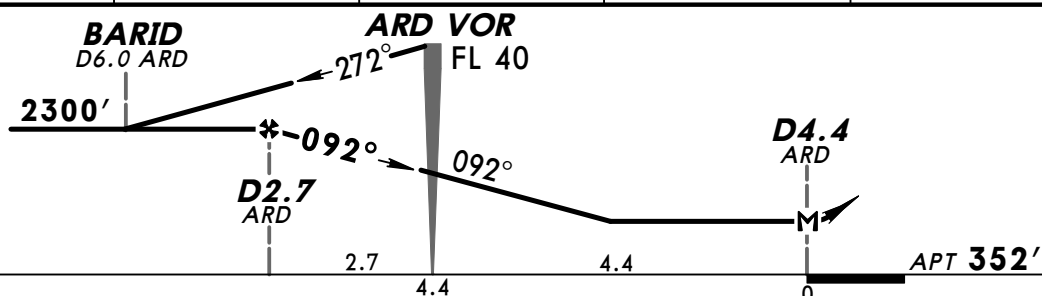
Trans level: By ATC

Trans alt: 3000'

Procedure restricted to MAX 210 KT.



ARD DME	2.0 BEFORE ARD	1.0 BEFORE ARD	1.0 AFTER ARD	2.0 AFTER ARD
ALTITUDE	2120'	1850'	1320'	1050'



<i>Gnd speed-Kts</i>	70	90	100	120	140	160
<i>Descent Gradient 4.4%</i>	312	401	446	535	624	713
<i>MAP at D4.4 after ARD VOR</i>						

2300'

JAR-OPS

CIRCLE-TO-LAND

		Max Kts.	MDA(H)	VIS
		A 100	870' (518')	1500m
		B 135	870' (518')	1600m
		C 180	1410' (1058')	2400m
		D 205	1410' (1058')	3600m

PANS OPS 4

CHANGES: Arrival route added. MSA.

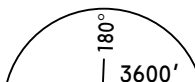
© JEPPESEN SANDERSON, INC., 1998, 2007. ALL RIGHTS RESERVED.

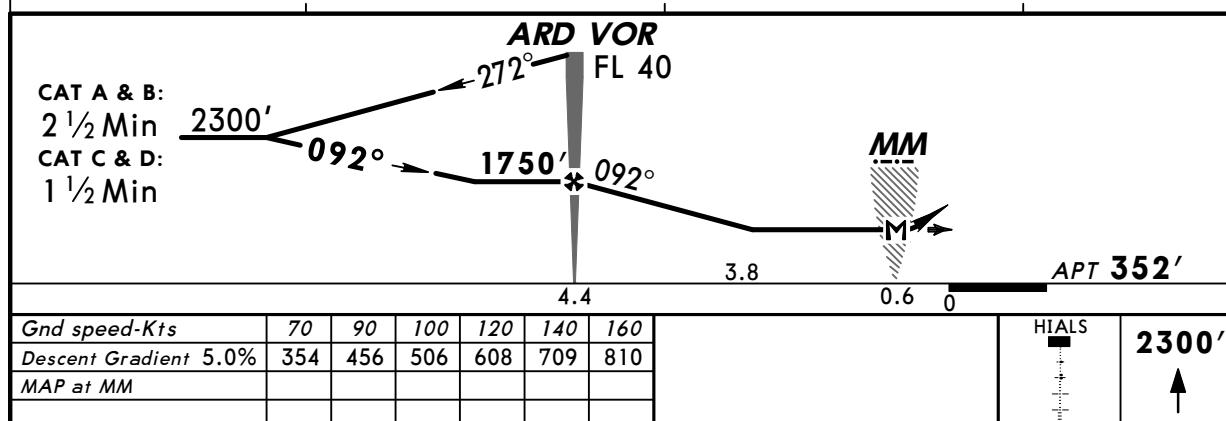
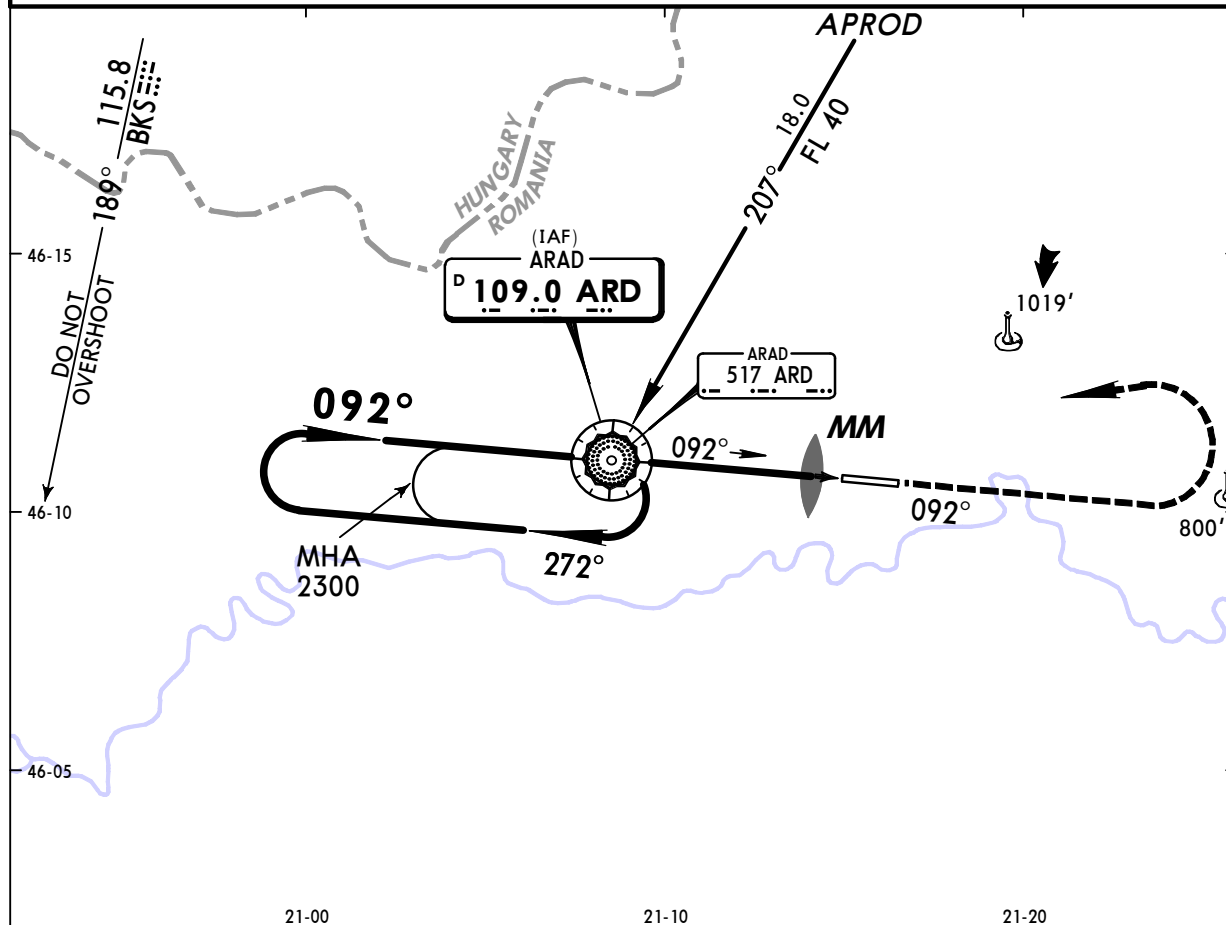
LRAR/ARW
ARAD

JEPPESSEN
28 SEP 07 **(13-2)**

ARAD, ROMANIA
CIRCLING VOR Rwy 09

BRIEFING STRIP

Approach Control through Tower ARAD Tower 130.2					 MSA ARD VOR
VOR ARD 109.0	Final Apch Crs 092°	Minimum Alt ARD VOR 1750' (1398')	MDA(H) Refer to Minimums	Apt Elev 352'	
MISSED APCH: Climb STRAIGHT AHEAD to 2300', then turn LEFT to ARD VOR and hold, or as directed.					
Alt Set: hPa (MM on req)		Apt Elev: 13 hPa		Trans level: By ATC	Trans alt: 3000'
Procedure restricted to MAX 210 KT.					



PANS OPS 4

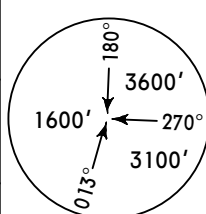
JAR-OPS		CIRCLE-TO-LAND	
		Max Kts	MDA(H) VIS
		A 100	870' (518') 1500m
		B 135	870' (518') 1600m
		C 180	1410' (1058') 2400m
		D 205	1410' (1058') 3600m

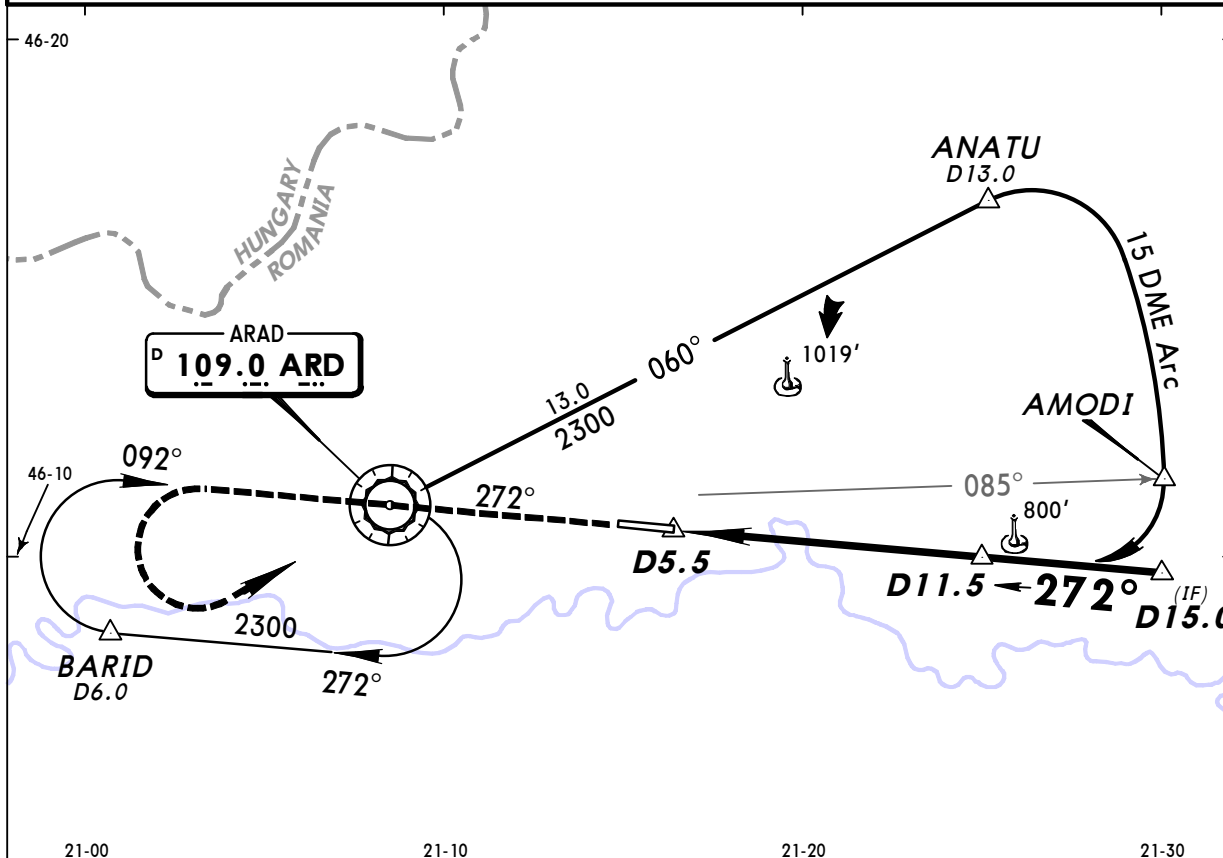
LRAR/ARW
ARAD

JEPPesen
28 SEP 07 **(13-3)**

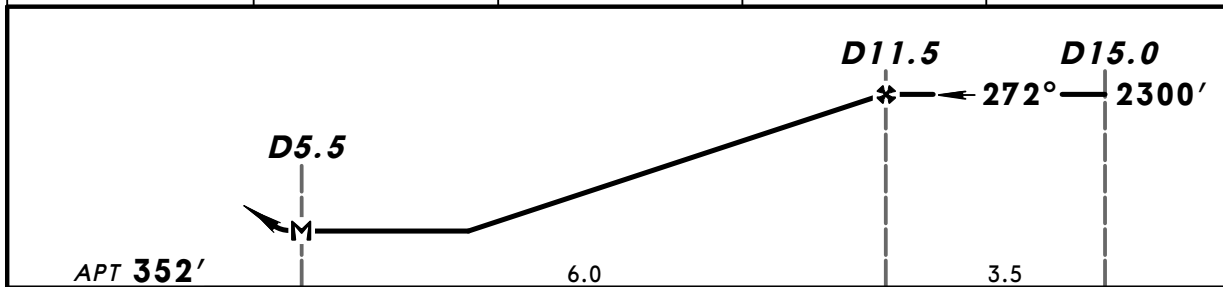
ARAD, ROMANIA
CIRCLING VOR DME Rwy 27

BRIEFING STRIP™

Approach Control through Tower ARAD Tower 130.2					
VOR ARD 109.0	Final Apch Crs 272°	Minimum Alt D11.5 2300' (1948')	MDA(H) Refer to Minimums	Apt Elev 352'	
MISSED APCH: Climb STRAIGHT AHEAD to 2300', then turn LEFT and join holding, or as directed.					
Alt Set: hPa (MM on req)		Apt Elev: 13 hPa		Trans level: By ATC	Trans alt: 3000'
Procedure restricted to MAX 210 KT.					



ARD DME	7.0	8.0	9.0	10.0
ALTITUDE	830'	1150'	1470'	1790'



Gnd speed-Kts	70	90	100	120	140	160	2300' 
Descent Gradient 5.2%	369	474	527	632	737	843	
MAP at D5.5							

JAR-OPS		CIRCLE-TO-LAND	
	Max Kts	MDA(H)	VIS
A	100	870' (518')	1500m
B	135	870' (518')	1600m
C	180	1410' (1058')	2400m
D	205	1410' (1058')	3600m

CHANGES: MSA.

© JEPPESEN SANDERSON, INC., 1998, 2007. ALL RIGHTS RESERVED.

LRAR/ARW
ARAD

JEPPESEN
28 SEP 07 **(16-1)**

ARAD, ROMANIA
NDB Rwy 09

BRIEFING STRIP™

Approach Control through Tower
ARAD Tower
130.2

<i>NDB</i> ARD 517	<i>Final</i> <i>Apch Crs</i> 092°	<i>Minimum Alt</i> <i>NDB</i> 1750' (1398')	<i>MDA(H)</i> 800' (448')	<i>Apt Elev</i> 352'
---------------------------------	--	--	-------------------------------------	-----------------------------

MISSED APCH: Climb **STRAIGHT AHEAD** to 2300', then turn **LEFT** to NDB and hold, or as directed.

MSA ARD VOR

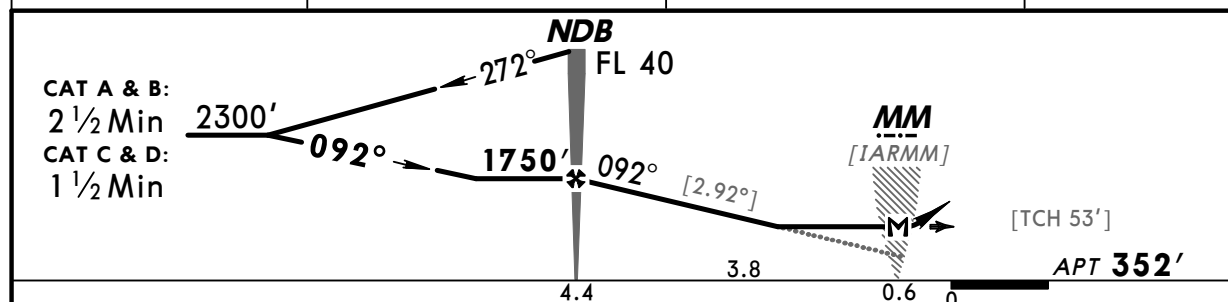
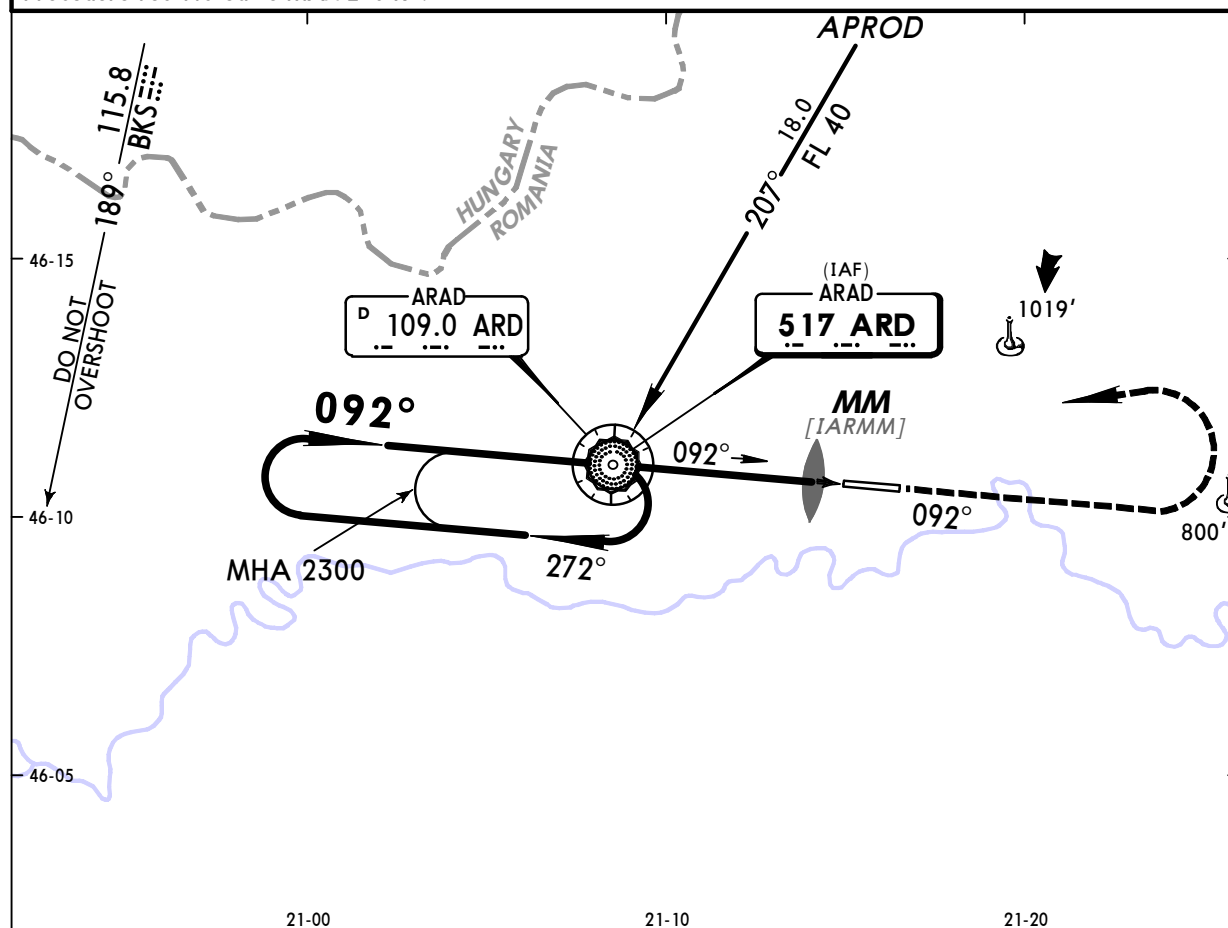
Alt Set: hPa (MM on req)

Apt Elev: 13 hPa

Trans level: By ATC

Trans alt: 3000'

Procedure restricted to MAX 210 KT.



<i>Gnd speed-Kts</i>	70	90	100	120	140	160
<i>Descent gradient 5.10% or Descent angle [2.92°]</i>	362	465	517	620	723	826
<i>MAP at MM</i>						



2300'

JAR-OPS

STRAIGHT-IN LANDING RWY 09

CIRCLE-TO-LAND

STRAIGHT IN LANDING RWY 07			CIRCLE TO LAND		
MDA(H) 800' (448')					
		ALS out	Max Kts	MDA(H)	VIS
A	RVR 900m	RVR 1500m	100	870' (518')	1500m
B	RVR 1000m		135	870' (518')	1600m
C		RVR 1800m	180	1410' (1058')	2400m
D	RVR 1400m	RVR 2000m	205	1410' (1058')	3600m

PANS OPS 4

CHANGES: Arrival route added. MSA.

© JEPPESEN SANDERSON, INC., 1998, 2007. ALL RIGHTS RESERVED.