

List of pages in this Trip Kit

Trip Kit Index

Airport Information For UKOO

Terminal Charts For UKOO

Revision Letter For Cycle 23-2013

Change Notices

Notebook

General Information

Location: Odesa Ukr
IATA Code: ODS
Lat/Long: N46° 25.6' E030° 40.6'
Elevation: 172 ft

Airport Use: Public
Magnetic Variation: 6.2°E

Fuel Types: 115-145 Octane, Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: No
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No

Sunrise: 0455 Z
Sunset: 1428 Z,

Runway Information

Runway: 16
Length x Width: 9186 ft x 184 ft
Surface Type: asphalt
TDZ-Elev: 172 ft
Lighting: Edge, ALS

Runway: 34
Length x Width: 9186 ft x 184 ft
Surface Type: asphalt
TDZ-Elev: 165 ft
Lighting: Edge, ALS

Communication Information

ATIS 133.1
ATIS 124.8 Non-English
Odesa Tower 125.5
Odesa Ground Control 121.8
Odesa Radar Approach Control 127.7
Odesa Radar Approach Control 120.9

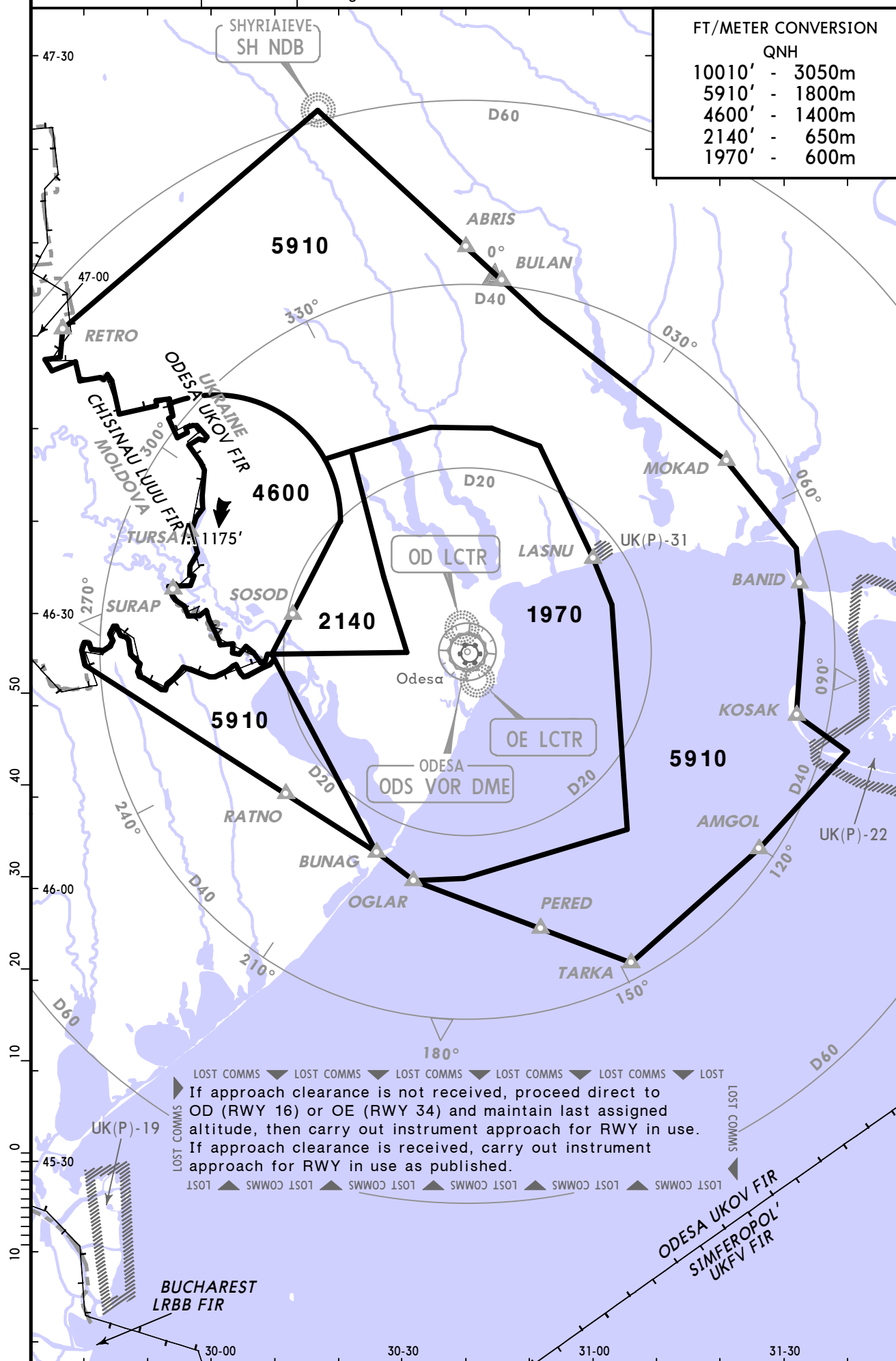
ODESA Radar
120.9 127.7

Apt Elev
172'

Alt Set: hPa (MM on request)
Trans level: By ATC Trans alt: 10010'
This chart may only be used for cross-checking of altitudes
assigned while under radar control.

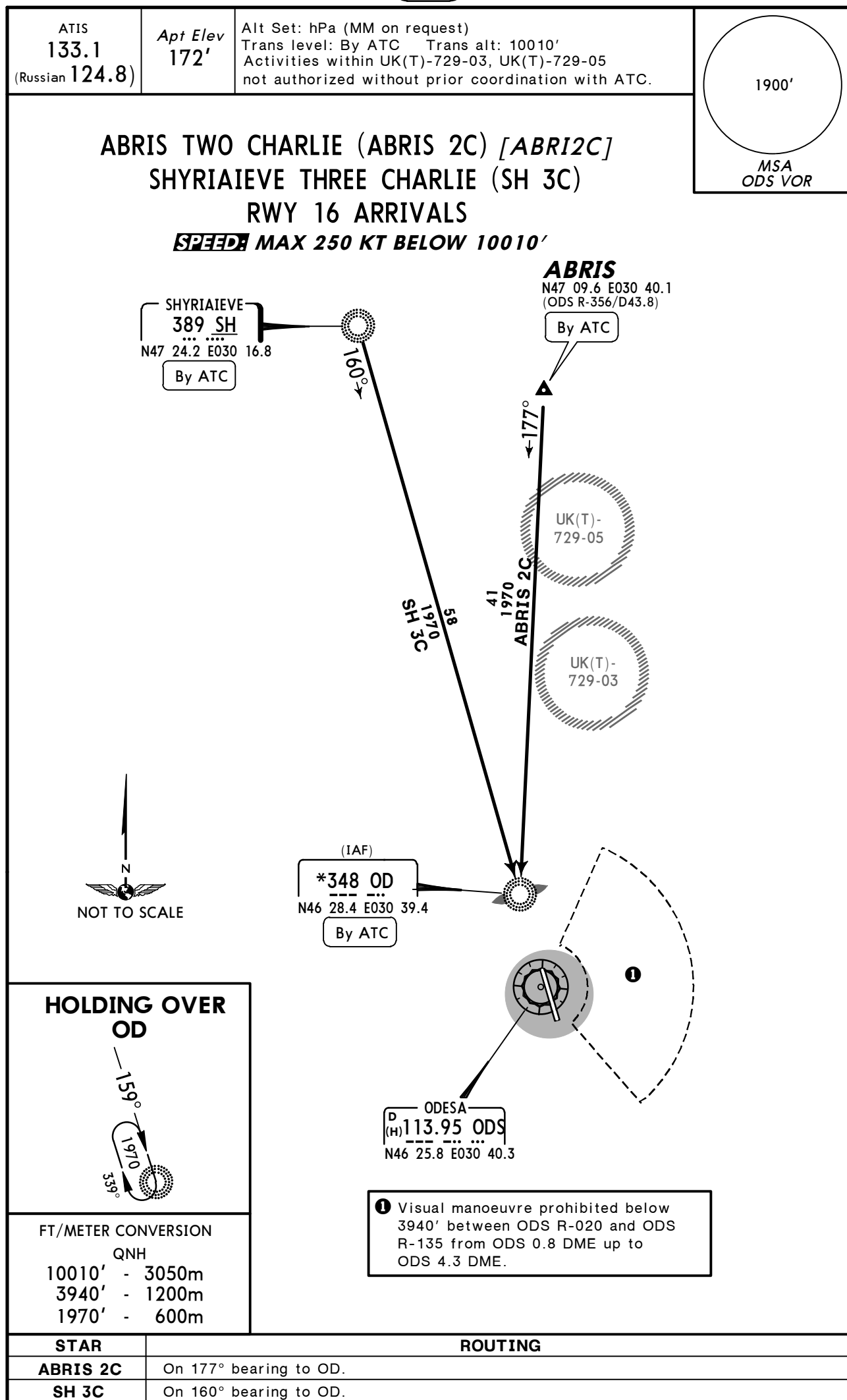
FT/METER CONVERSION

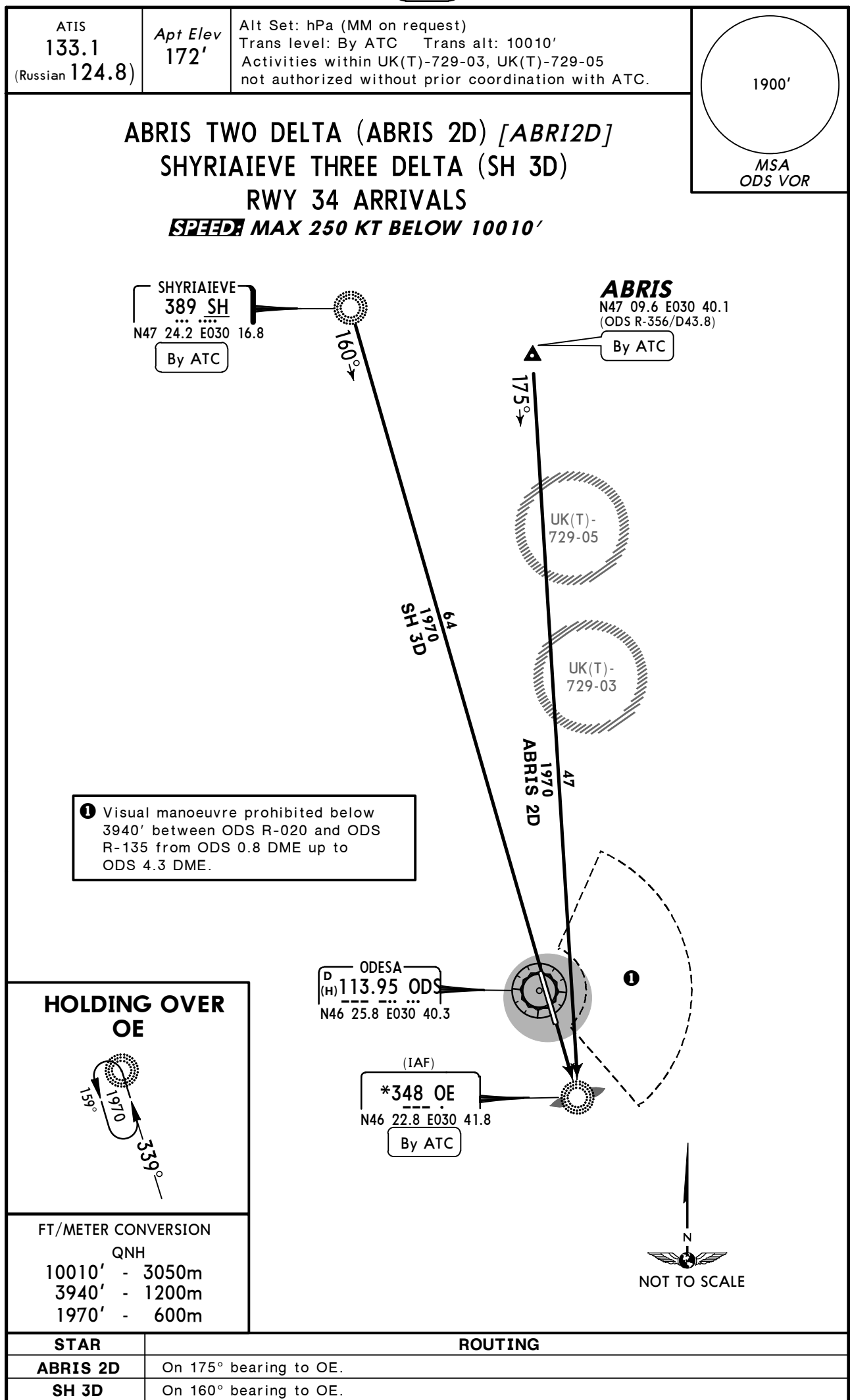
QNH	
10010'	- 3050m
5910'	- 1800m
4600'	- 1400m
2140'	- 650m
1970'	- 600m

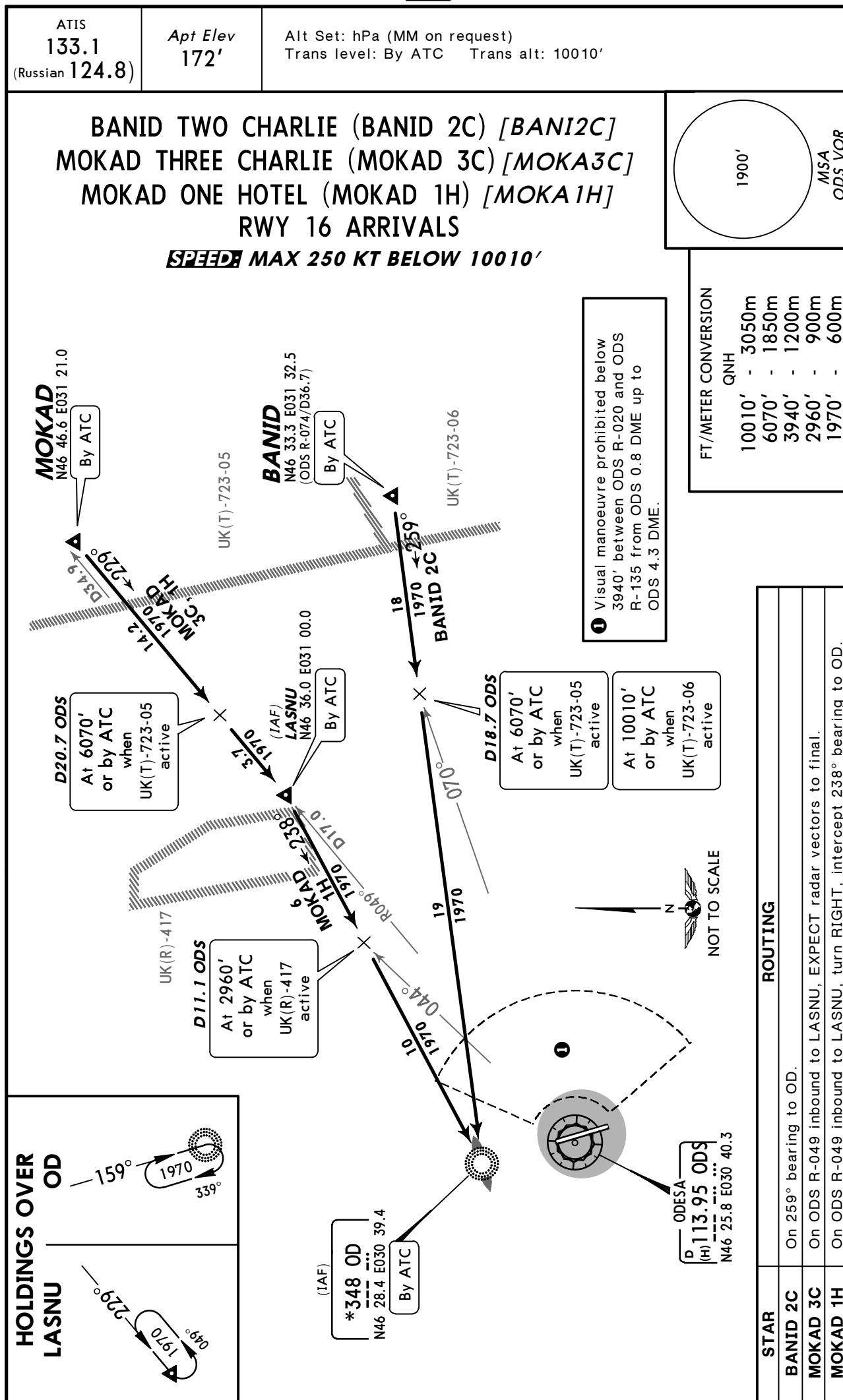


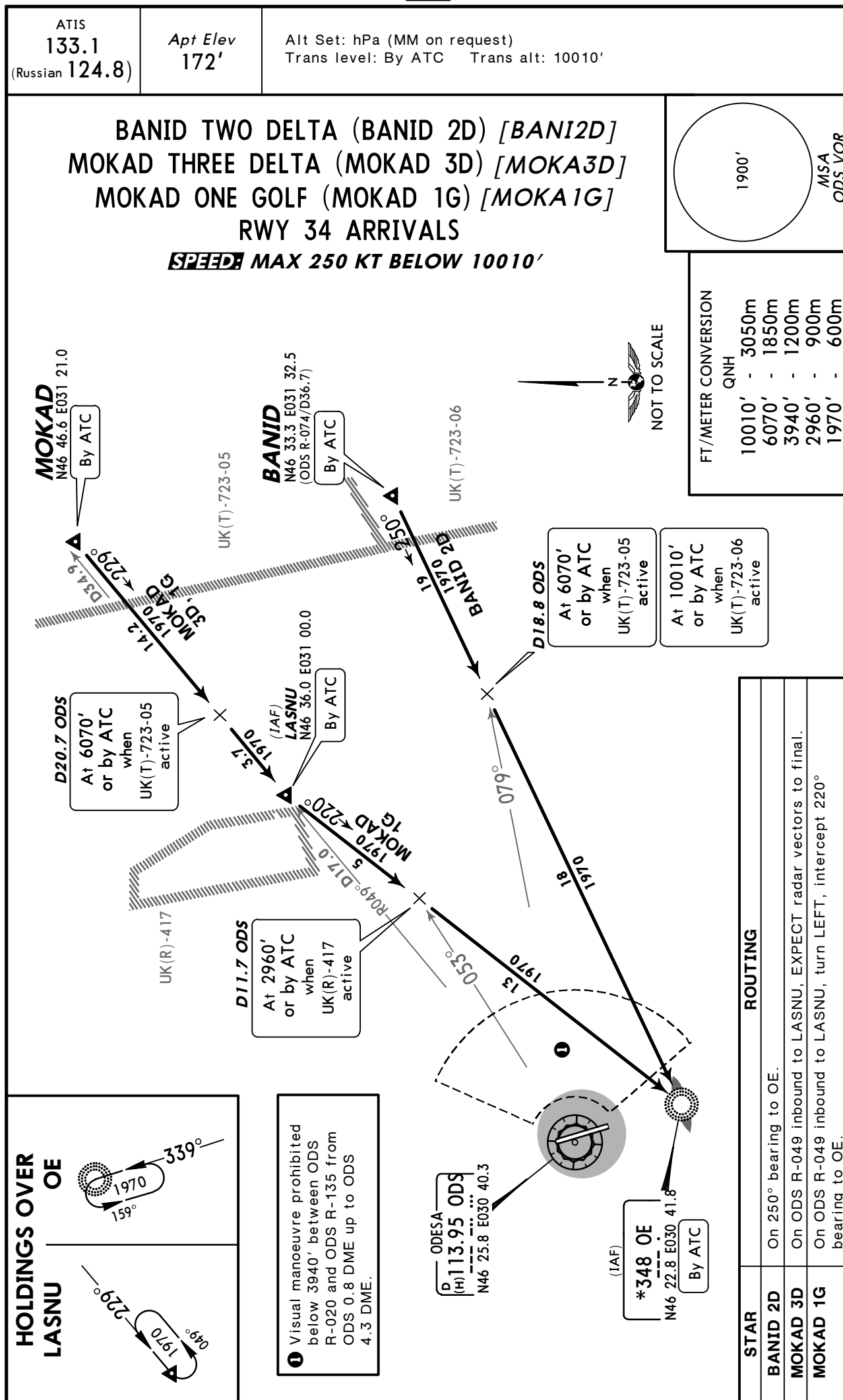
CHANGES: Sectors and altitudes revised.

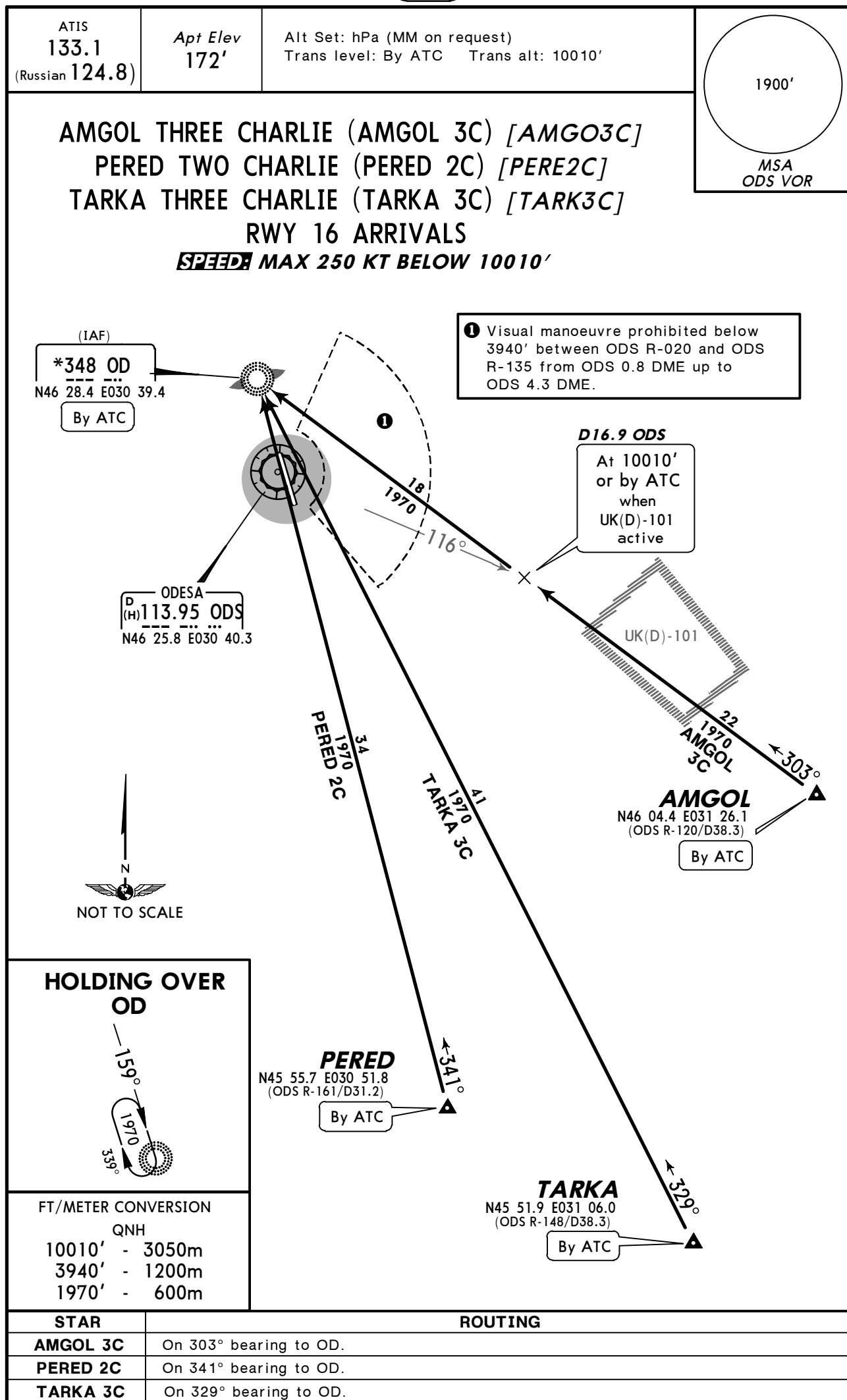
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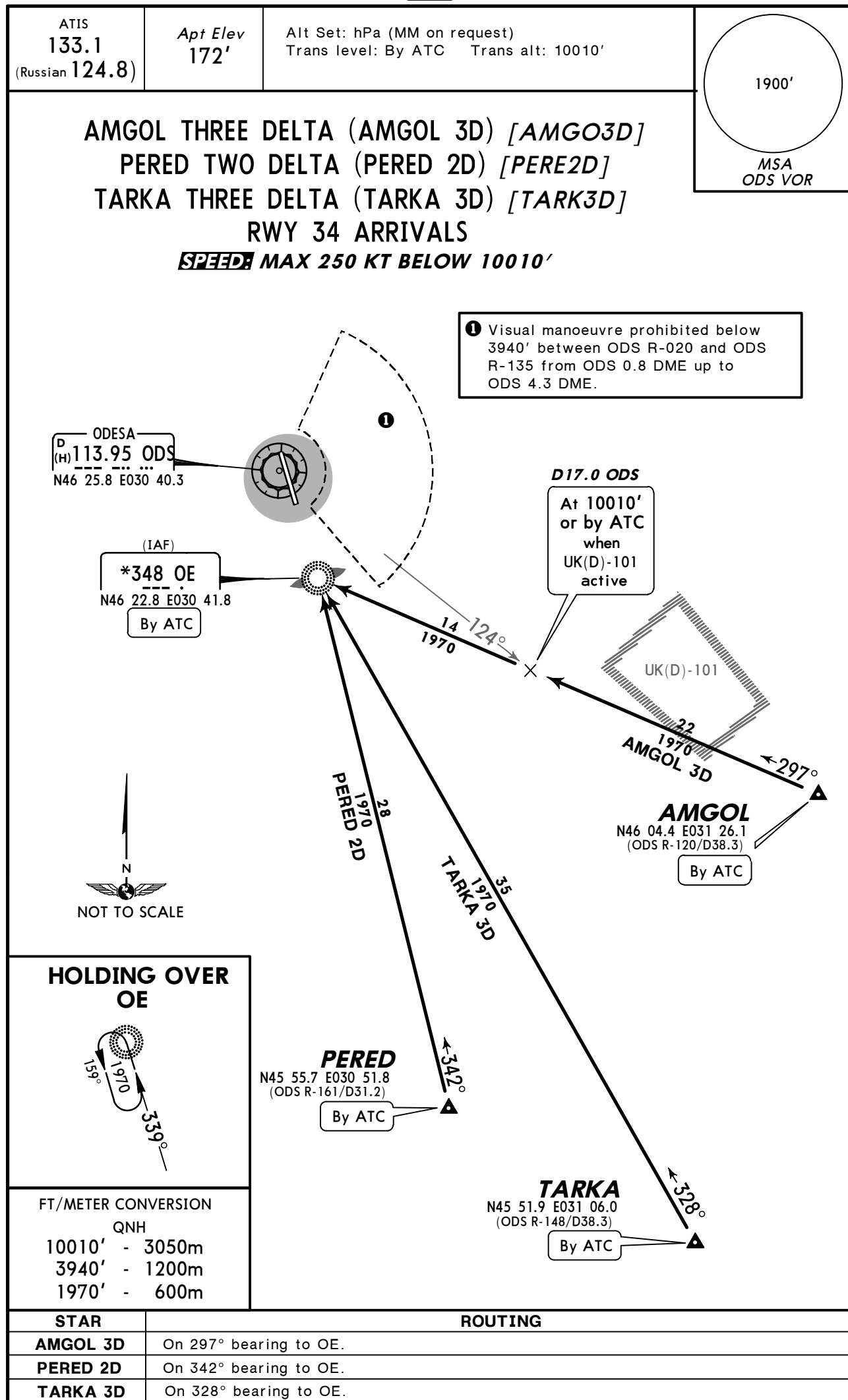


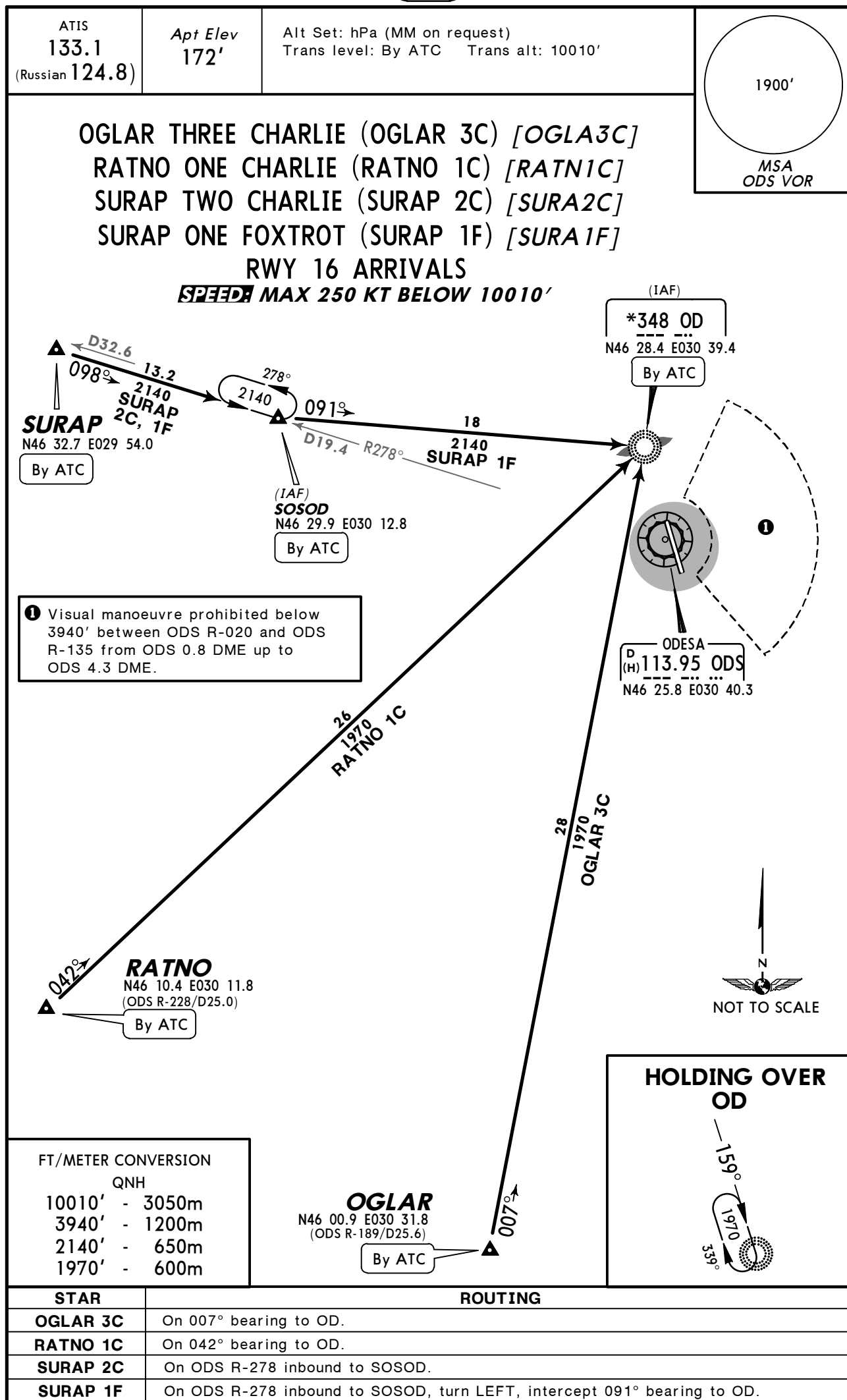


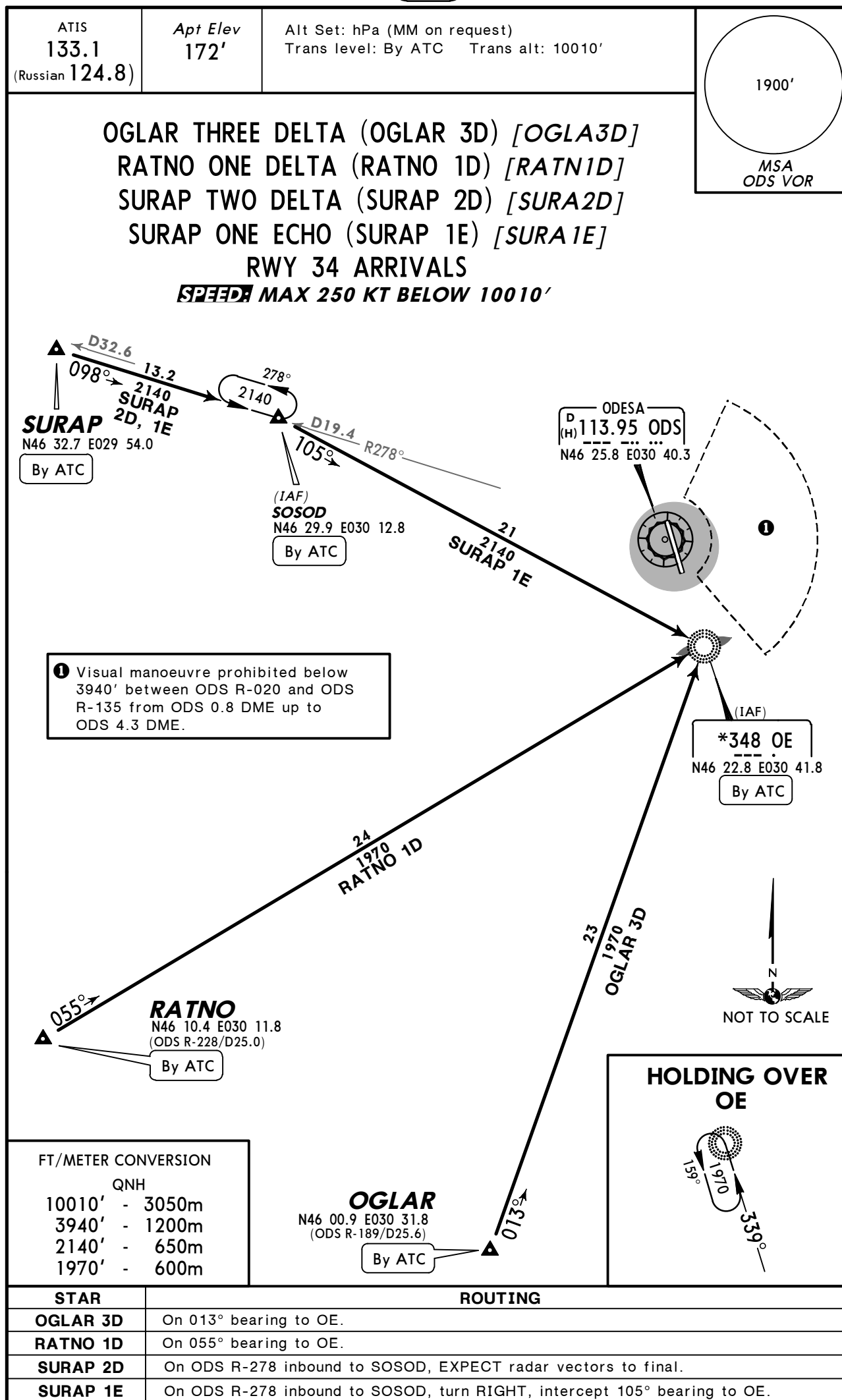












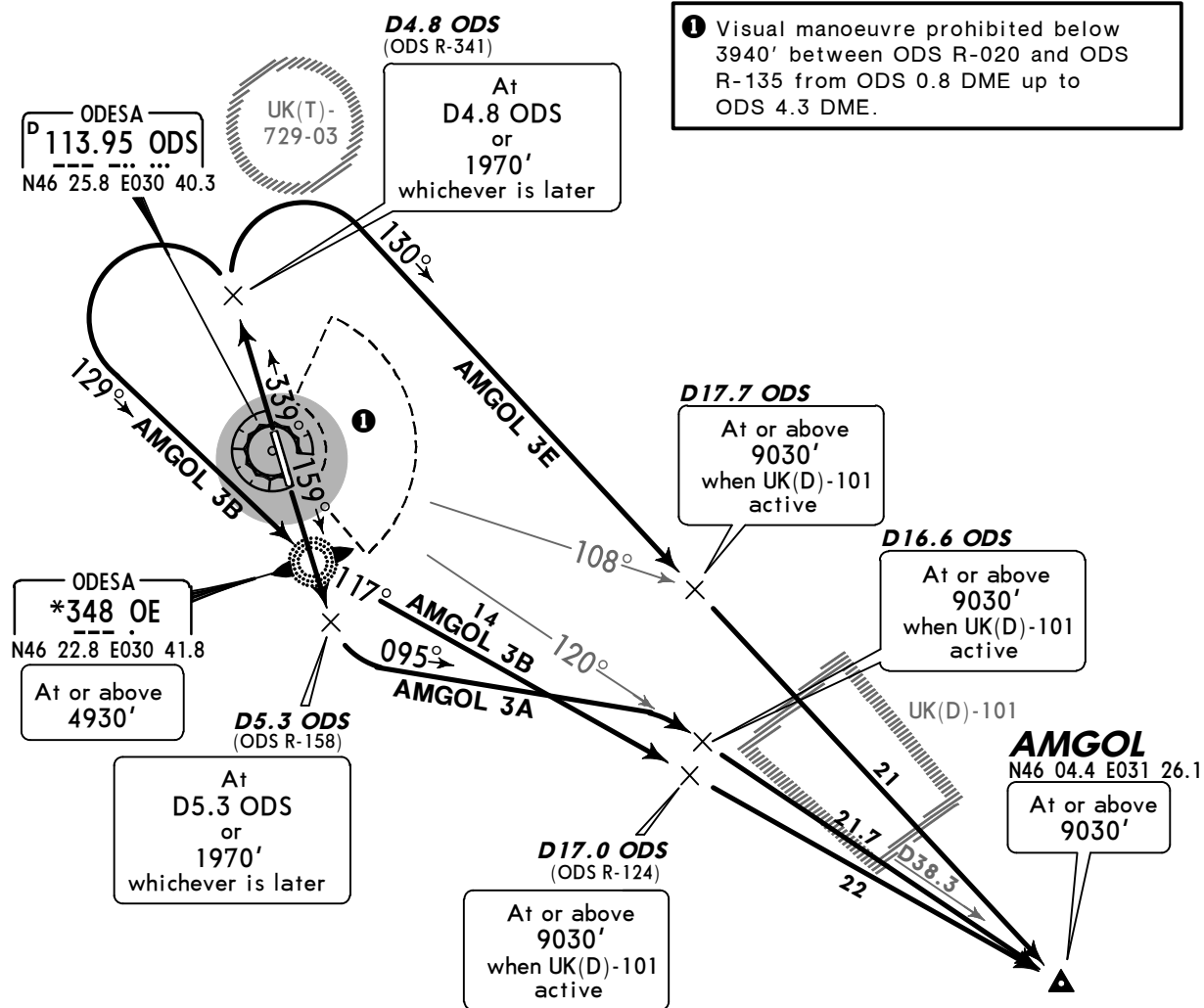
2. Activities within UK(T)-729-03 not authorized prior coordination with ATC.



1900'

MSA
QDS VOR

1 Visual manoeuvre prohibited below 3940' between ODS R-020 and ODS R-135 from ODS 0.8 DME up to ODS 4.3 DME.



QNH

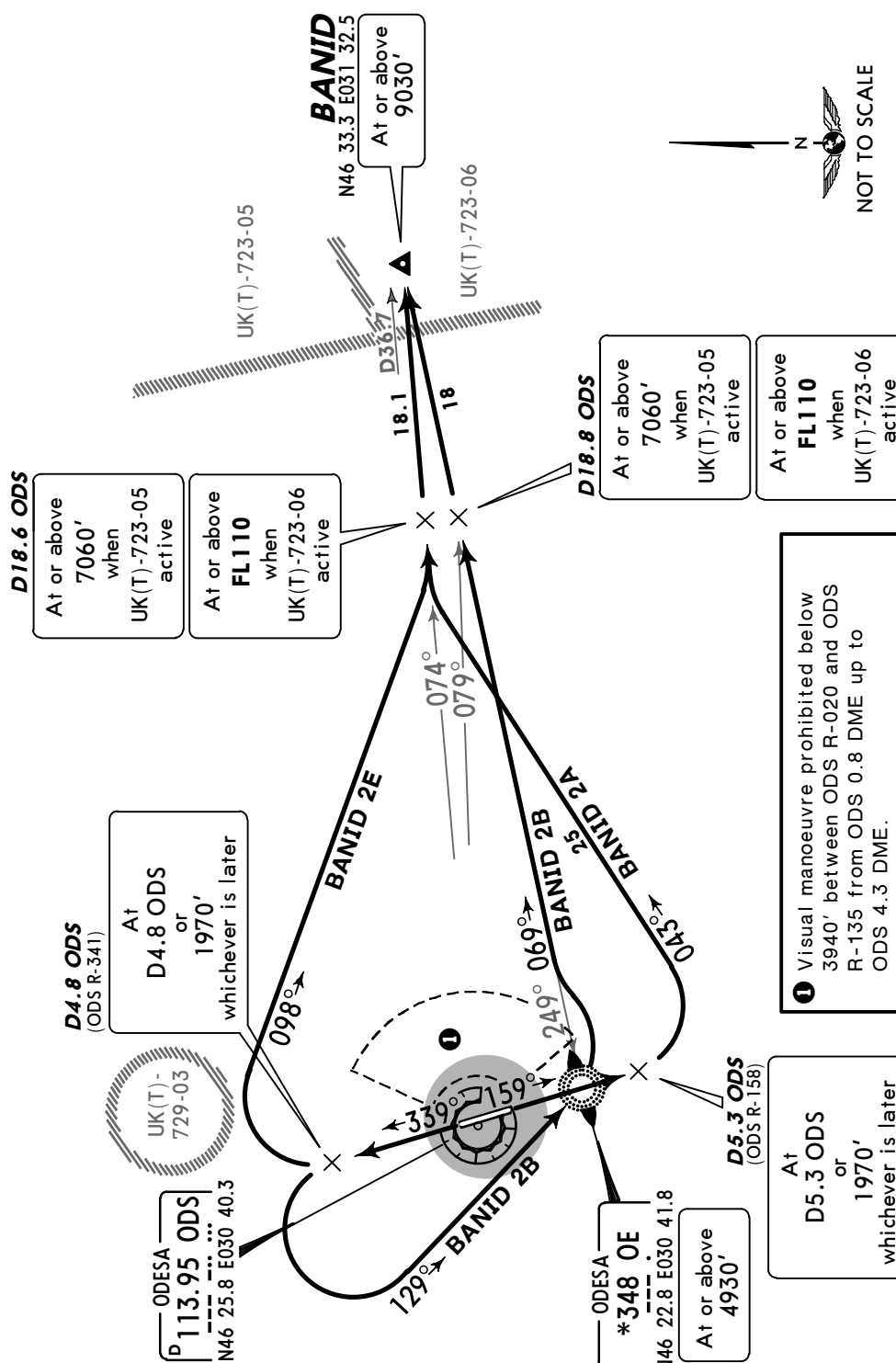
1970'	-	600m
3940'	-	1200m
4930'	-	1500m
9030'	-	2750m
10010'	-	3050m



Trans level: By ATC Trans alt: 10010'

1. Expect radar vectors for spacing.
2. Activities within UK(T)-729-03 not authorized prior coordination with ATC.

A circular logo with the text "1900'" in the center. To the right of the circle, the text "MSA QDS VOR" is written vertically.



FT/METER CONVERSION	QNH
1970'	- 600m
3940'	- 1200m
4930'	- 1500m
7060'	- 2150m
9030'	- 2750m
10010'	- 3050m

SID	RWY	ROUTING
BANID 2A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn LEFT, 043° track, intercept ODS R-074 to BANID.
BANID 2B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, intercept 129° bearing to OE, turn LEFT, intercept 069° bearing from OE to BANID.
BANID 2E		Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn RIGHT, 098° track, intercept ODS R-074 to BANID.

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1. Expect radar vectors for spacing.
2. Activities within UK(T)-729-03 not authorized prior coordination with ATC.

1900'

MSA
ODS VOR



NOT TO SCALE

1970'	-	600m
2960'	-	900m
3940'	-	1200m
4930'	-	1500m
7060'	-	2150m
9030'	-	2750m
10010'	-	3050m

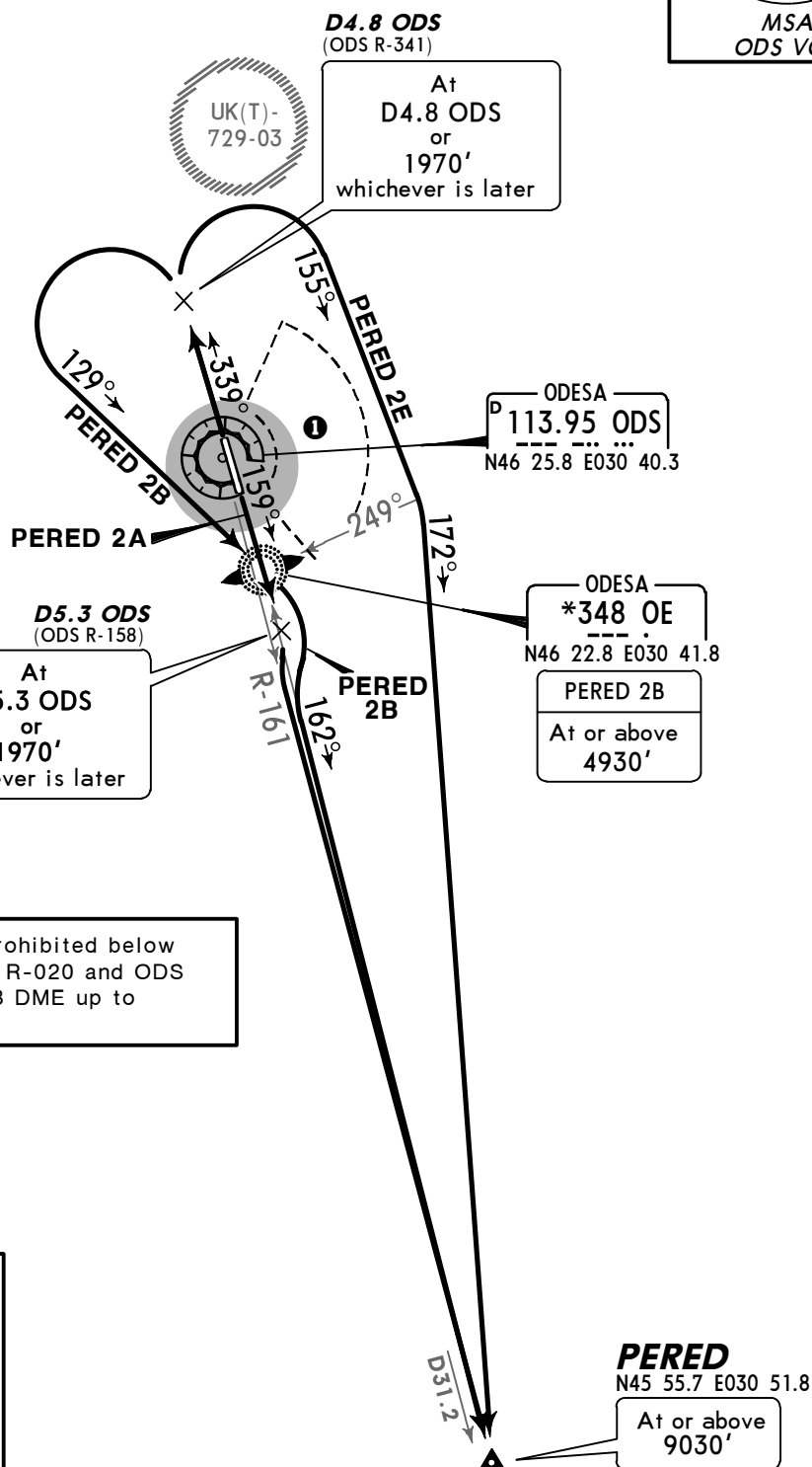
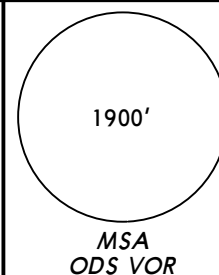
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Apt Elev
171'

Trans level: By ATC Trans alt: 10010'

1. Expect radar vectors for spacing.
2. Activities within UK(T)-729-03 not authorized prior coordination with ATC.

PERED TWO ALFA (PERED 2A) [PERE2A]
PERED TWO BRAVO (PERED 2B) [PERE2B]
PERED TWO ECHO (PERED 2E) [PERE2E]
RWYS 16, 34 DEPARTURES



FT/METER CONVERSION

	QNH
1970'	- 600m
3940'	- 1200m
4930'	- 1500m
9030'	- 2750m
10010'	- 3050m

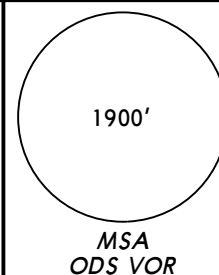
SID	RWY	ROUTING
PERED 2A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn RIGHT, intercept ODS R-161 to PERED.
PERED 2B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, intercept 129° bearing to OE, turn RIGHT, intercept 162° bearing from OE to PERED.
PERED 2E		Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn RIGHT, 155° track, at 249° bearing to OE turn RIGHT, 172° track to PERED.

Apt Elev
172'

Trans level: By ATC Trans alt: 10010'

EXPECT RADAR vectors for spacing.

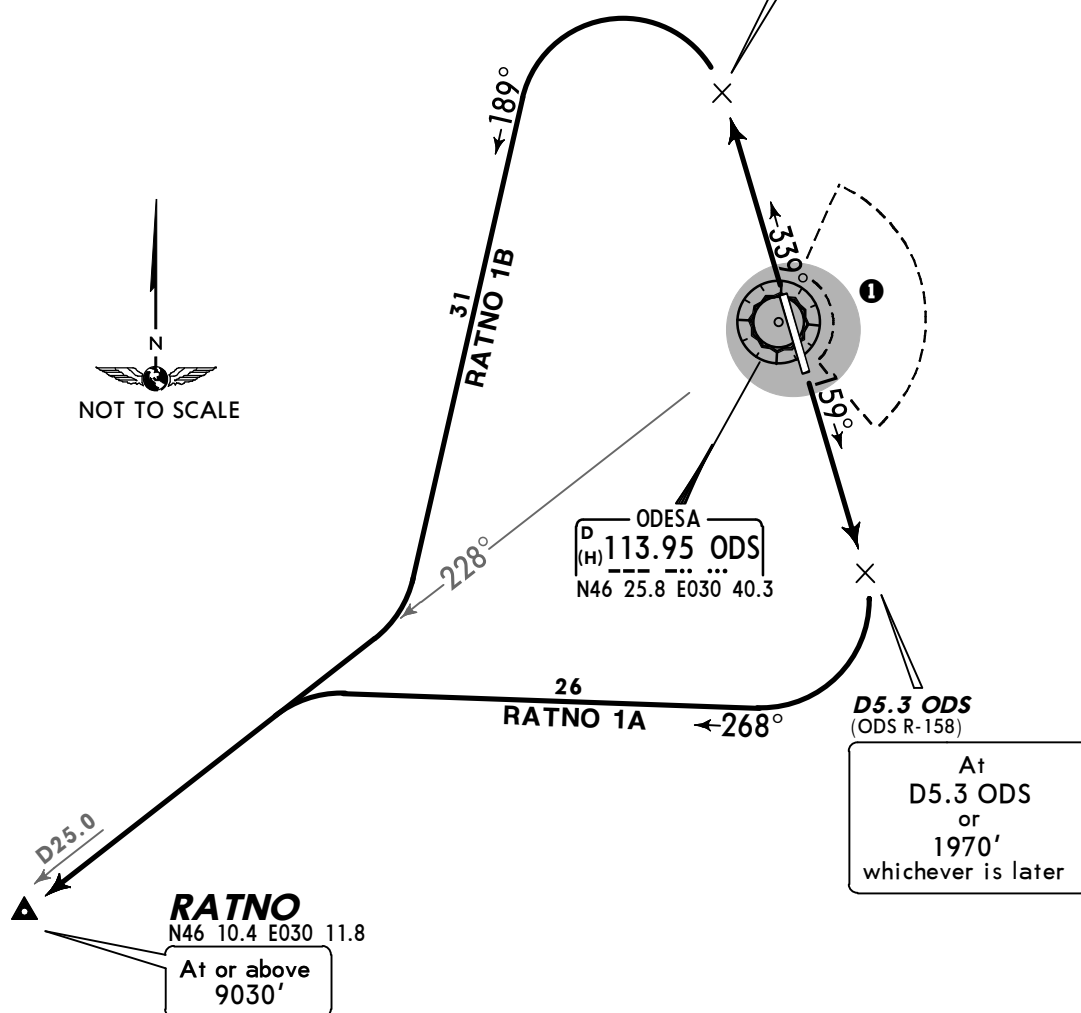
RATNO ONE ALFA (RATNO 1A) [RATN1A]
RATNO ONE BRAVO (RATNO 1B) [RATN1B]
RWYS 16, 34 DEPARTURES



① Visual manoeuvre prohibited below 3940' between ODS R-020 and ODS R-135 from ODS 0.8 DME up to ODS 4.3 DME.

D4.8 ODS
(ODS R-341)

At
D4.8 ODS
or
1970'
whichever is later



D5.3 ODS
(ODS R-158)

At
D5.3 ODS
or
1970'
whichever is later

FT/METER CONVERSION

	QNH
1970'	- 600m
3940'	- 1200m
9030'	- 2750m
10010'	- 3050m

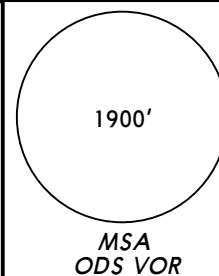
SID	RWY	ROUTING
RATNO 1A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn RIGHT, 268° track, intercept ODS R-228 to RATNO.
RATNO 1B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, 189° track, intercept ODS R-228 to RATNO.

Apt Elev
171'

Trans level: By ATC Trans alt: 10010'

1. Expect radar vectors for spacing.

2. Activities within UK(T)-729-03 not authorized prior coordination with ATC.

**RETRO TWO ALFA (RETRO 2A) [RETR2A]
RETRO TWO BRAVO (RETRO 2B) [RETR2B]
RWYS 16, 34 DEPARTURES****RETRO**
N47 00.8 E029 36.7At or above
10010'

1 Visual manoeuvre prohibited below 3940' between ODS R-020 and ODS R-135 from ODS 0.8 DME up to ODS 4.3 DME.

ODESA
D 113.95 ODS
N46 25.8 E030 40.3**RETRO 2B****RETRO 2A**UK(T)-
729-03**D4.8 ODS**
(ODS R-341)At
D4.8 ODS
or
1970'
whichever is later**D5.3 ODS**
(ODS R-158)At
D5.3 ODS
or
1970'
whichever is later

NOT TO SCALE

FT/METER CONVERSION

	QNH
1970'	- 600m
3940'	- 1200m
10010'	- 3050m

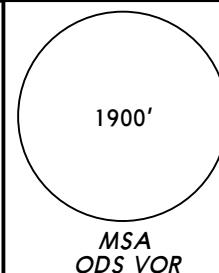
SID	RWY	ROUTING
RETRO 2A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn RIGHT, 328° track, intercept ODS R-305 to RETRO.
RETRO 2B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, 282° track, intercept ODS R-305 to RETRO.

Apt Elev
171'

Trans level: By ATC Trans alt: 10010'

1. Expect radar vectors for spacing.
2. Activities within UK(T)-729-03 not authorized prior coordination with ATC.

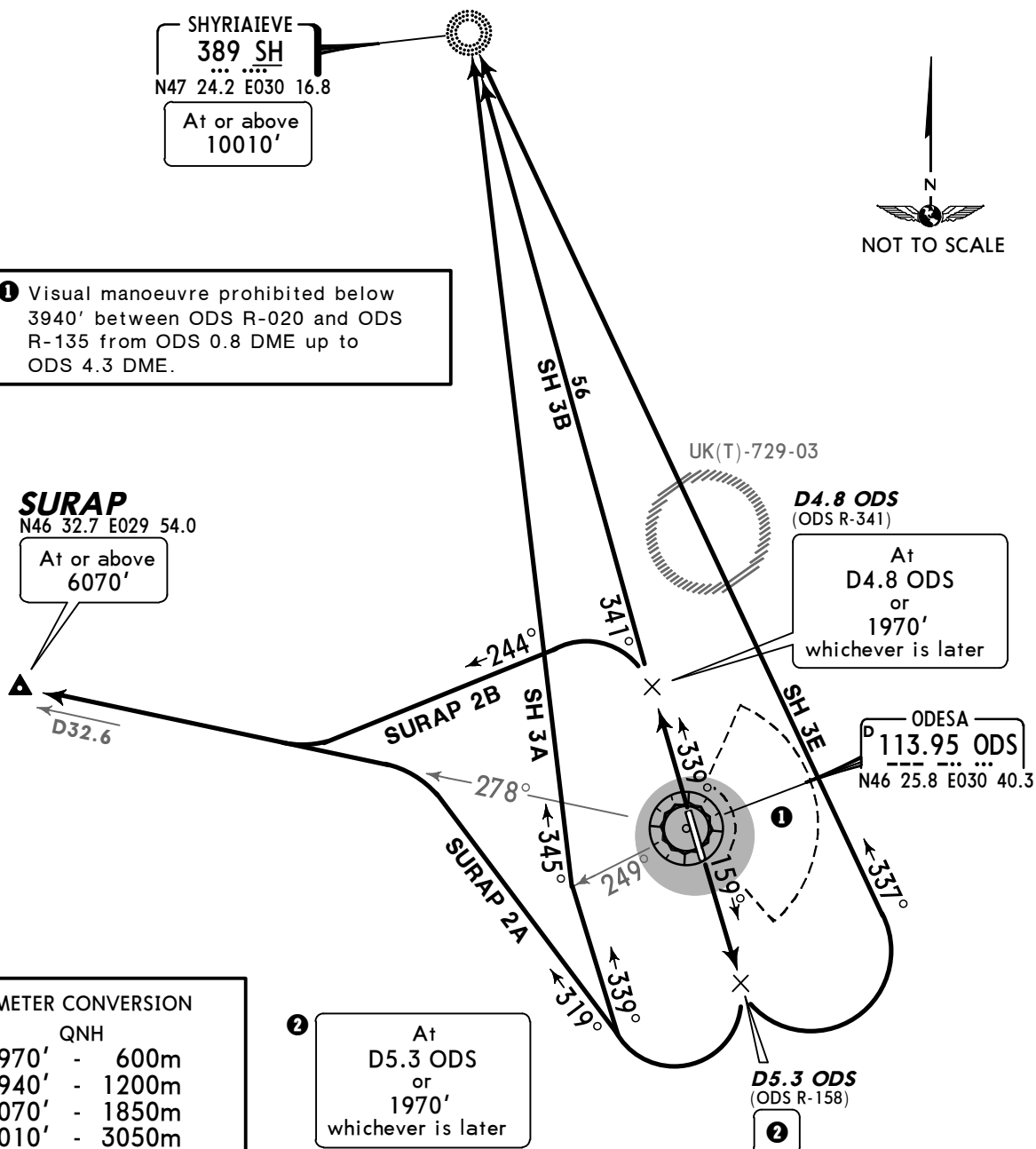
SHYRIAIEVE THREE ALFA (SH 3A)
SHYRIAIEVE THREE BRAVO (SH 3B)
SHYRIAIEVE THREE ECHO (SH 3E)
SURAP TWO ALFA (SURAP 2A) [SURA2A]
SURAP TWO BRAVO (SURAP 2B) [SURA2B]
RWYS 16, 34 DEPARTURES



SHYRIAIEVE
389 SH
... ..
N47 24.2 E030 16.8
At or above
10010'

- ① Visual manoeuvre prohibited below 3940' between ODS R-020 and ODS R-135 from ODS 0.8 DME up to ODS 4.3 DME.

SURAP
N46 32.7 E029 54.0
At or above
6070'



FT/METER CONVERSION

	QNH
1970'	- 600m
3940'	- 1200m
6070'	- 1850m
10010'	- 3050m

SID	RWY	ROUTING
SH 3A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn RIGHT, 339° track, at ODS R-249 turn RIGHT, intercept 345° bearing to SH.
SH 3B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, intercept ODS R-341 to SH.
SH 3E	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn LEFT, intercept 337° bearing to SH.
SURAP 2A		Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn RIGHT, 319° track, intercept ODS R-278 to SURAP.
SURAP 2B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, 244° track, intercept ODS R-278 to SURAP.

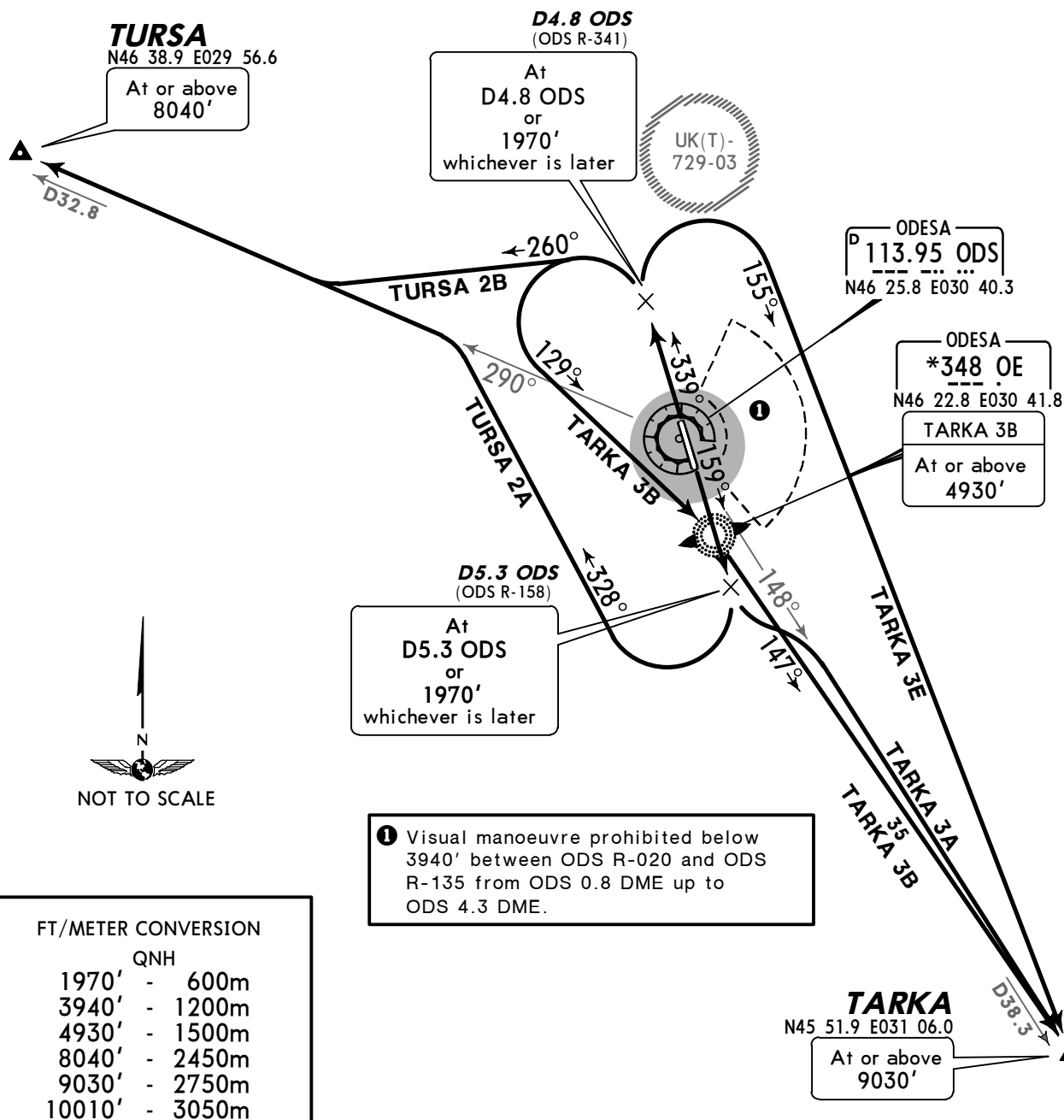
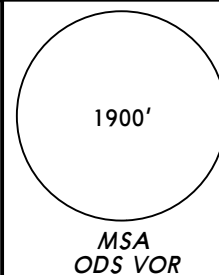
Apt Elev
171'

Trans level: By ATC Trans alt: 10010'

1. Expect radar vectors for spacing.

2. Activities within UK(T)-729-03 not authorized prior coordination with ATC.

TARKA THREE ALFA (TARKA 3A) [TARK3A]
TARKA THREE BRAVO (TARKA 3B) [TARK3B]
TARKA THREE ECHO (TARKA 3E) [TARK3E]
TURSA TWO ALFA (TURSA 2A) [TURS2A]
TURSA TWO BRAVO (TURSA 2B) [TURS2B]
RWYS 16, 34 DEPARTURES

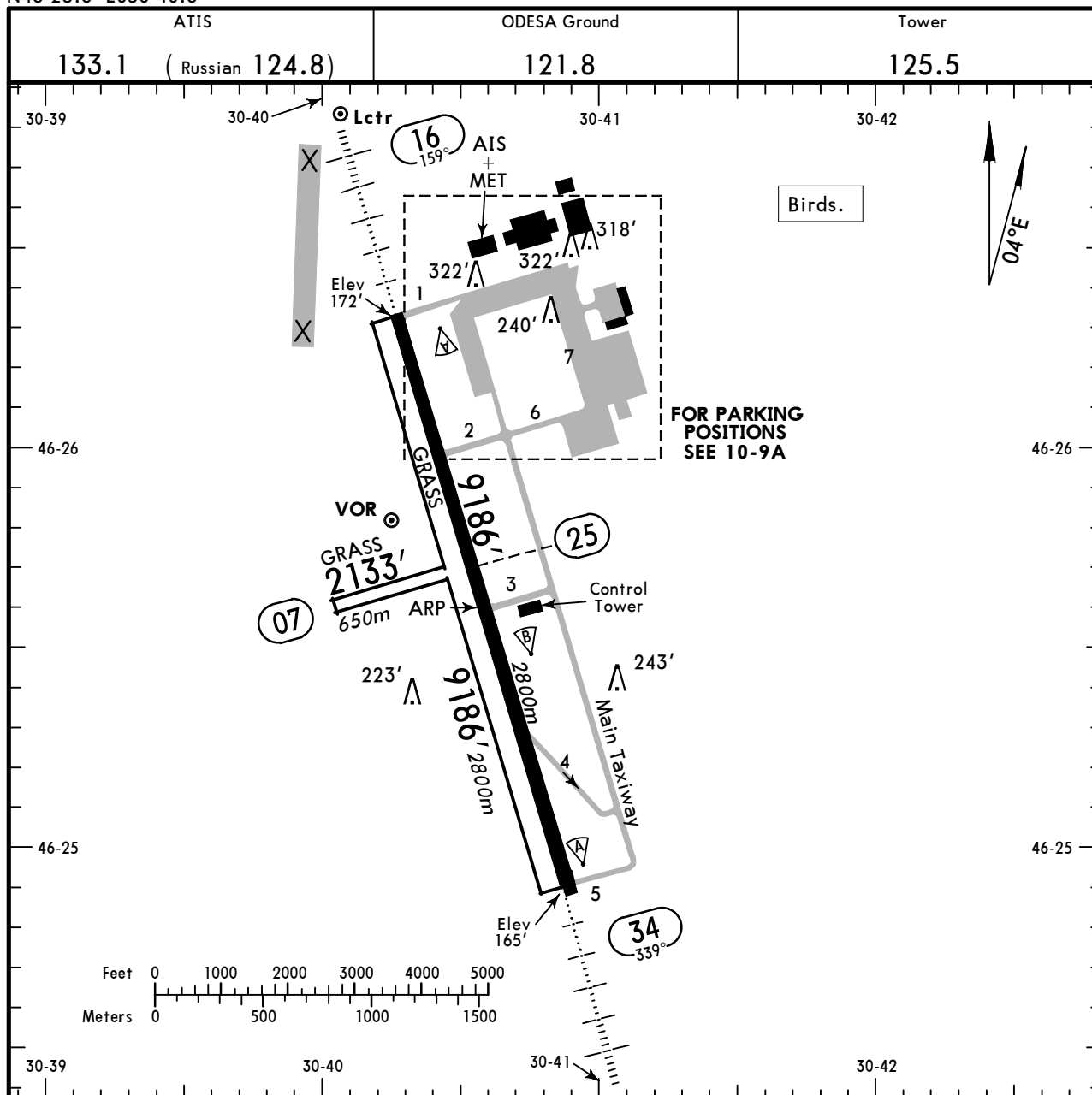


SID	RWY	ROUTING
TARKA 3A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn LEFT, intercept ODS R-148 to TARKA.
TARKA 3B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, intercept 129° bearing to OE, turn RIGHT, 147° bearing to TARKA.
TARKA 3E		Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn RIGHT, 155° track to TARKA.
TURSA 2A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn RIGHT, 328° track, intercept ODS R-290 to TURSA.
TURSA 2B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, 260° track, intercept ODS R-290 to TURSA.

UK00/ODS
Apt Elev 172'
N46 25.6 E030 40.6

JEPPesen
20 JAN 12 (10-9)

ODESA, UKRAINE
ODESA



ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS		TAKE-OFF	WIDTH
				Threshold	Landing Beyond		
07	25						197' 60m
16	34	HIRL (50m) HIALS PAPI-L (angle 3.00°)	RVR		8214' 2504m 8275' 2522m	1	184' 56m
16	34	Grass runway					328' 100m

1 TAKE-OFF RUN AVAILABLE

Rwy 16:

From rwy head 9186' (2800m)
twy 2 int 7218' (2200m)
twy 3 int 4429' (1350m)

Rwy 34:

From rwy head 9186' (2800m)
twy 4 int 7054' (2150m)
twy 3 int 4429' (1350m)

JAR-OPS

TAKE-OFF 1

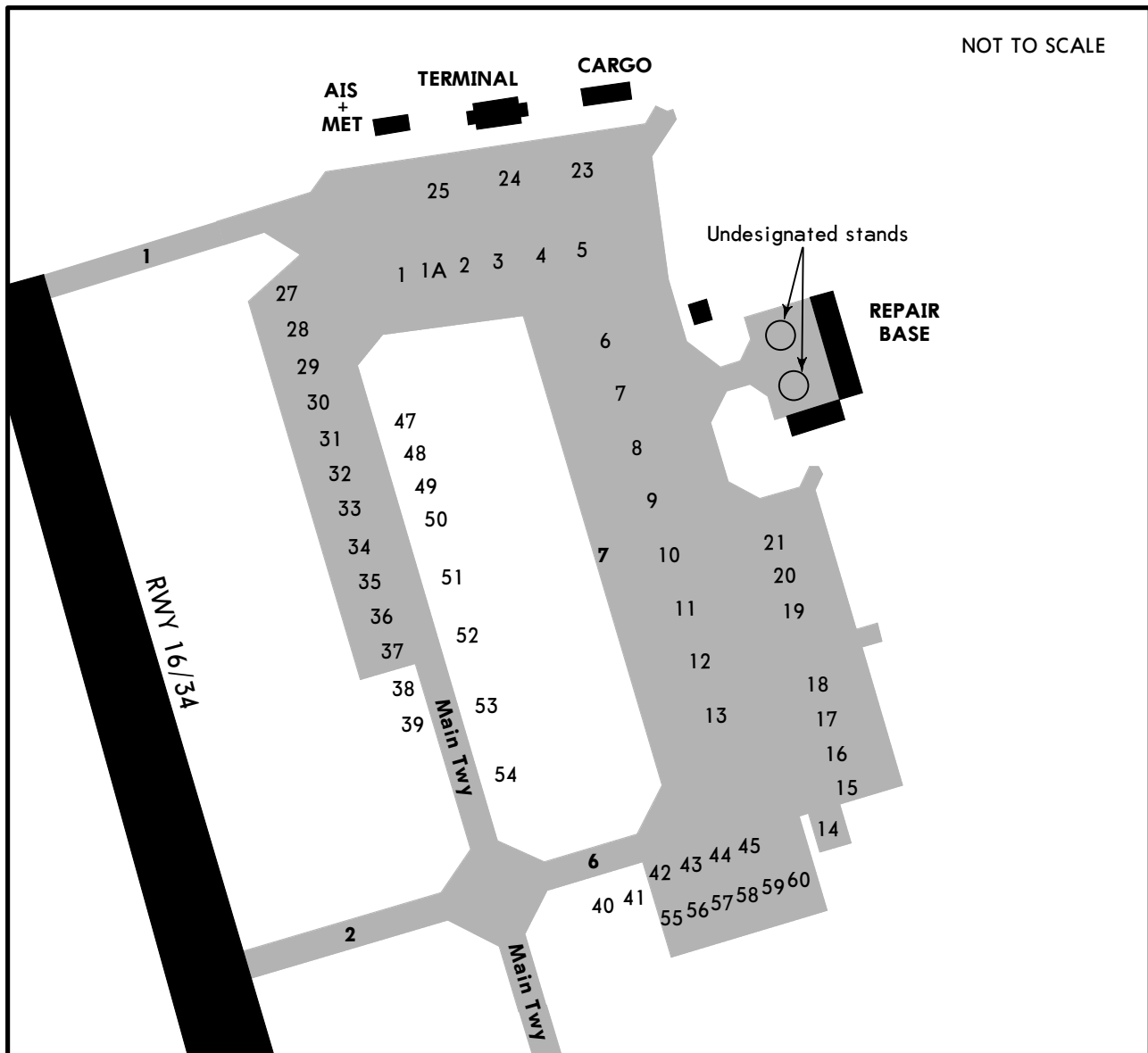
Main rwy 16/34

	LVP must be in force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A			
B	250m	400m	500m
C			
D	300m		

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

CHANGES: ATIS.

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Taxiing is strictly along centerline with inner engines power.
 Maneuvering of acft with engine power setting not more than 0.4 of nominal mode.
 Stand 14 available for engine run-up.
 Stands 38, 39 and 50 thru 54 available for helicopters.

STRAIGHT-IN RWY		A	B	C	D
16	ILS	372' (200')	372' (200')	372' (200')	372' (200')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED			
	NDB ❶❷	630' (458')	630' (458')	630' (458')	630' (458')
		R1400m	R1400m	R1400m	R1400m
	<i>ALS out</i>	R1500m	R1500m	C2100m	C2100m
	NDB ❸	680' (508')	680' (508')	680' (508')	680' (508')
		R1800m	R1800m	R2000m	R2000m
34	<i>ALS out</i>	C2600m	C26000m	C2800m	C2800m
	NDB ❶❹	610' (438')	610' (438')	610' (438')	610' (438')
		R1300m	R1300m	R1300m	R1300m
	<i>ALS out</i>	R1500m	R1500m	R2000m	R2000m
	ILS	365' (200')	365' (200')	365' (200')	365' (200')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED			
	NDB ❶❷	580' (415')	580' (415')	580' (415')	580' (415')
		R1200m	R1200m	R1200m	R1200m
	<i>ALS out</i>	R1500m	R1500m	R1900m	R1900m
	NDB ❸	630' (465')	630' (465')	630' (465')	630' (465')
		R1700m	R1700m	R1900m	R1900m
	<i>ALS out</i>	C2400m	C2400m	C2600m	C2600m
	NDB ❶❹	510' (345')	510' (345')	510' (345')	510' (345')
		R900m	R900m	R900m	R900m
	<i>ALS out</i>	R1500m	R1500m	R1600m	R1600m

❶ Continuous Descent Final Approach.

❷ With FAF.

❸ W/o FAF.

❹ With LOM.

CIRCLE-TO-LAND ❺	100 KT	135 KT	180 KT	205 KT
After apch to rwy 16	920' (748')	920' (748')	1020' (848')	1020' (848')
After apch to rwy 34 ❻	920' (755')	920' (755')	1020' (855')	1020' (855')
	V1500m	V1600m	V2400m	V3600m

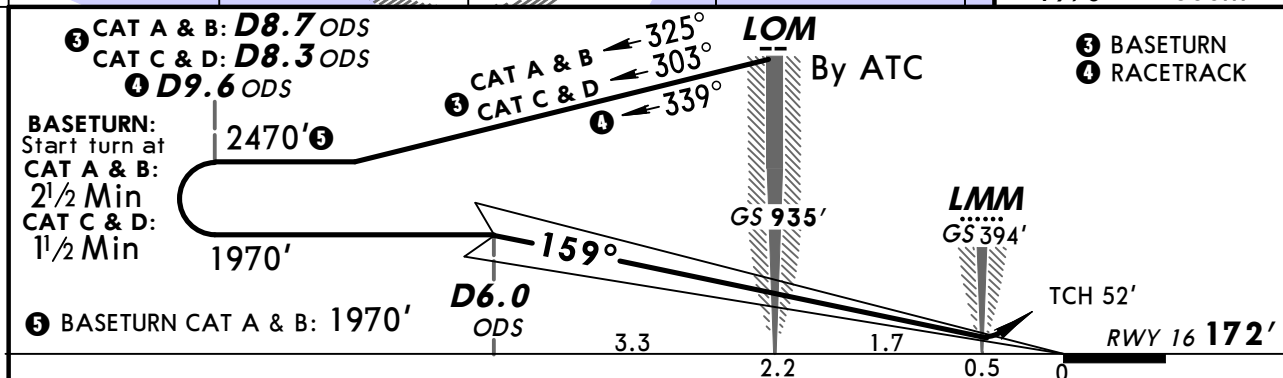
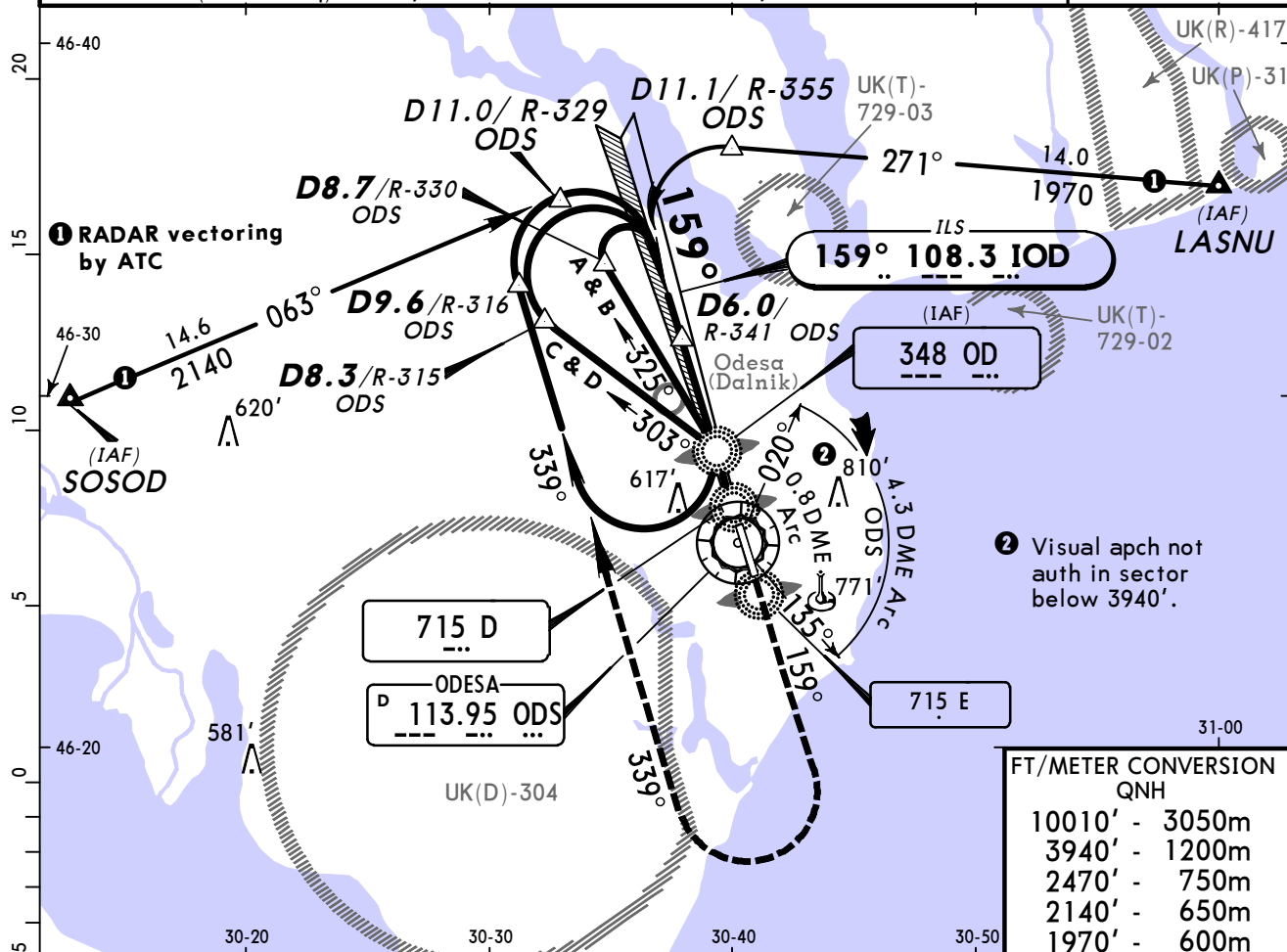
❺ Prohibited in sector between R-020 & R-120 ODS.

❻ Circling height based on rwy 34 thresh elev of 165'.

TAKE-OFF RWY 16, 34 ❼		
LVP must be in Force		
RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A		
B	250m	400m
C		500m
D	300m	

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

ATIS	ODESA Radar (APP)	ODESA Tower	Ground	
133.1 (Russian 124.8)	120.9 127.7	125.5	121.8	
LOC IOD 108.3	Final Apch Crs 159°	GS LOM 935' (763')	ILS DA(H) 372' (200')	Apt Elev 172' RWY 172'
MISSED APCH: Climb on 159° to 1970', then turn RIGHT onto 339°, then according to chart.				1900'
Alt Set: hPa (MM on req) Rwy Elev: 6 hPa Trans level: By ATC Trans alt: 10010'				MSA ODS VOR



Gnd speed-Kts	70	90	100	120	140	160
GS 3.00°	372	478	531	637	743	849

JAR-OPS			STRAIGHT-IN LANDING RWY 16		CIRCLE-TO-LAND		
ILS			LOC (GS out)				
DA(H) 372' (200')							
FULL		ALS out			Max Kts	MDA(H)	VIS
A	RVR 550m	RVR 1000m	NOT AUTH		100	920' (748')	1500m
B					135	920' (748')	1600m
C					180	1020' (848')	2400m
D					205	1020' (848')	3600m

BRIEFING STRIP TM



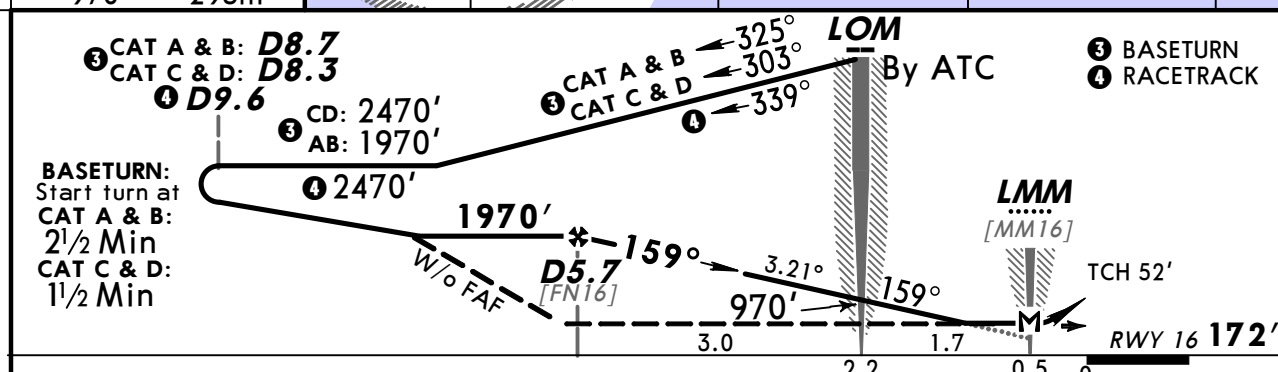
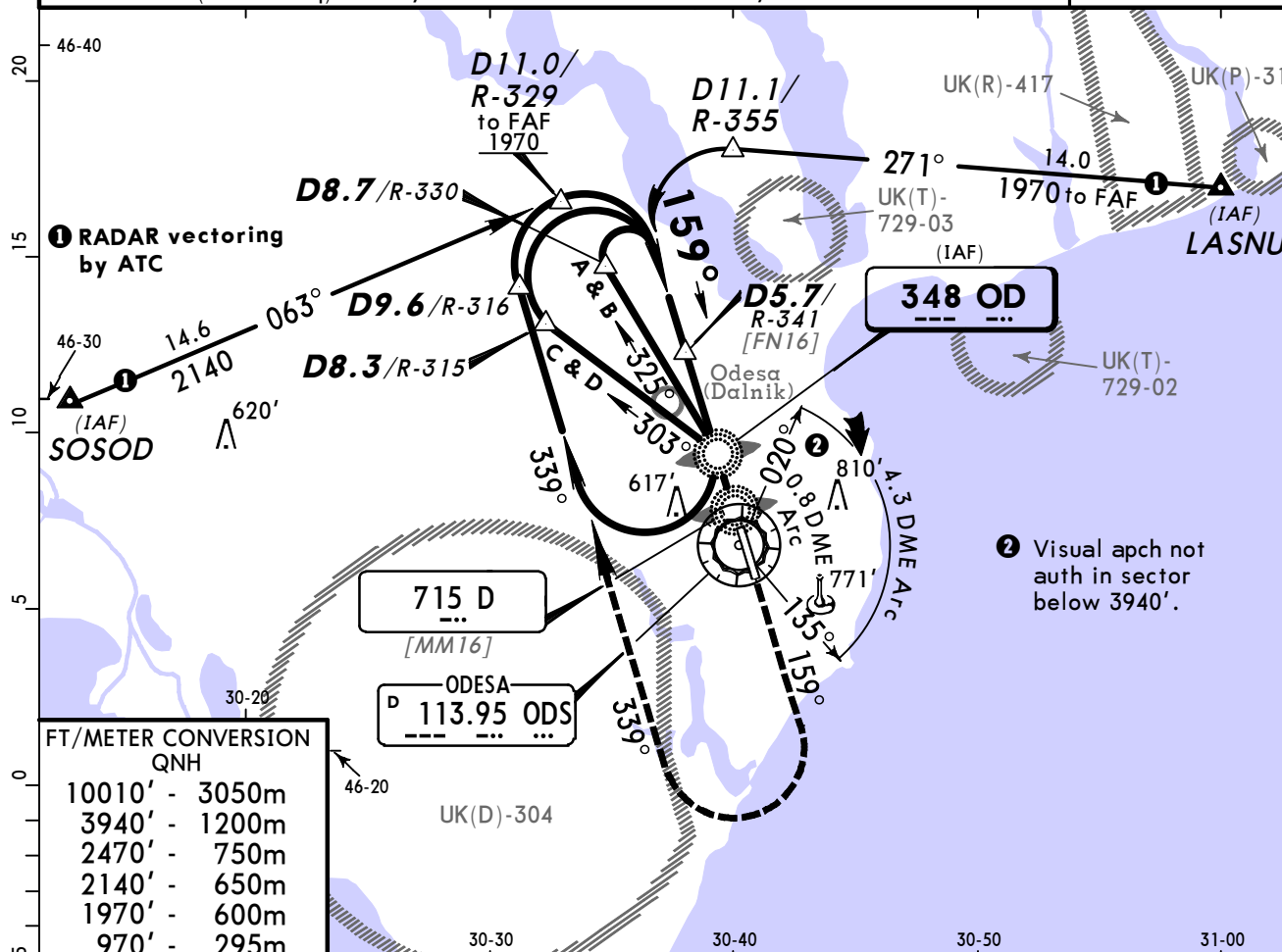
TRANS OPS

PANS OPS

JAR-OPS		STRAIGHT-IN LANDING RWY 34		CIRCLE-TO-LAND 1	
ILS DA(H) 365' (200')		LOC (GS out)			
FULL		ALS out		Max Kts.	MDA(H) VIS
A	RVR 550m	RVR 1000m	NOT AUTH	100	920' (755') 1500m
B				135	920' (755') 1600m
C				180	1020' (855') 2400m
D				205	1020' (855') 3600m

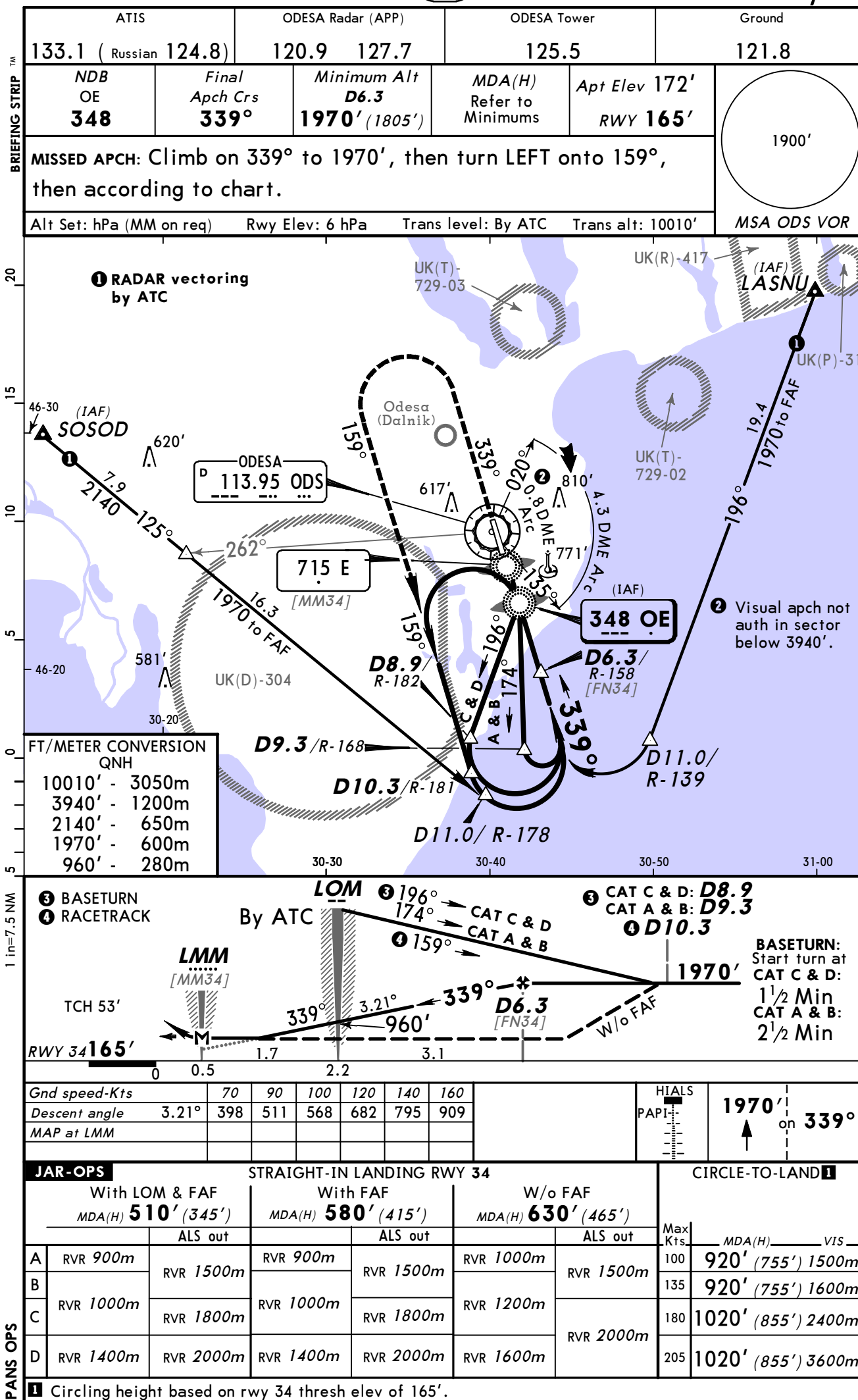
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BRIEFING STRIP TM	ATIS		ODESA Radar (APP)		ODESA Tower	Ground	1900' MSA ODS VOR
	133.1 (Russian 124.8)		120.9	127.7	125.5	121.8	
	NDB OD 348	Final Apch Crs 159°	Minimum Alt D5.7 1970' (1798')	MDA(H) Refer to Minimums	Apt Elev 172' RWY 172'		
	MISSED APCH: Climb on 159° to 1970', then turn RIGHT onto 339°, then according to chart.						
	Alt Set: hPa (MM on req)		Rwy Elev: 6 hPa	Trans level: By ATC	Trans alt: 10010'		



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI 1970' on 159°
Descent angle 3.21°	398	511	568	682	795	909	
MAP at LMM							

JAR-OPS		STRAIGHT-IN LANDING RWY 16				CIRCLE-TO-LAND	
With LOM & FAF		With FAF		W/o FAF			
MDA(H) 610' (438')		MDA(H) 630' (458')		MDA(H) 680' (508')			
ALS out		ALS out		ALS out		Max Kts	MDA(H) VIS
A	RVR 900m	RVR 1500m	RVR 1000m	RVR 1500m	RVR 1000m	100	920' (748') 1500m
B	RVR 1000m	RVR 1800m	RVR 1200m	RVR 2000m	RVR 1200m	135	920' (748') 1600m
C	RVR 1400m	RVR 2000m	RVR 1600m	RVR 2000m	RVR 1600m	180	1020' (848') 2400m
D	RVR 1400m	RVR 2000m	RVR 1600m	RVR 2000m	RVR 1600m	205	1020' (848') 3600m



ODESA, (ODESA - UKOO)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UKOO