

List of pages in this Trip Kit

Trip Kit Index

Airport Information For UKOO

Terminal Charts For UKOO

Revision Letter For Cycle 08-2013

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: 6.1°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: 0311 Z
Sunset: 1644 Z,

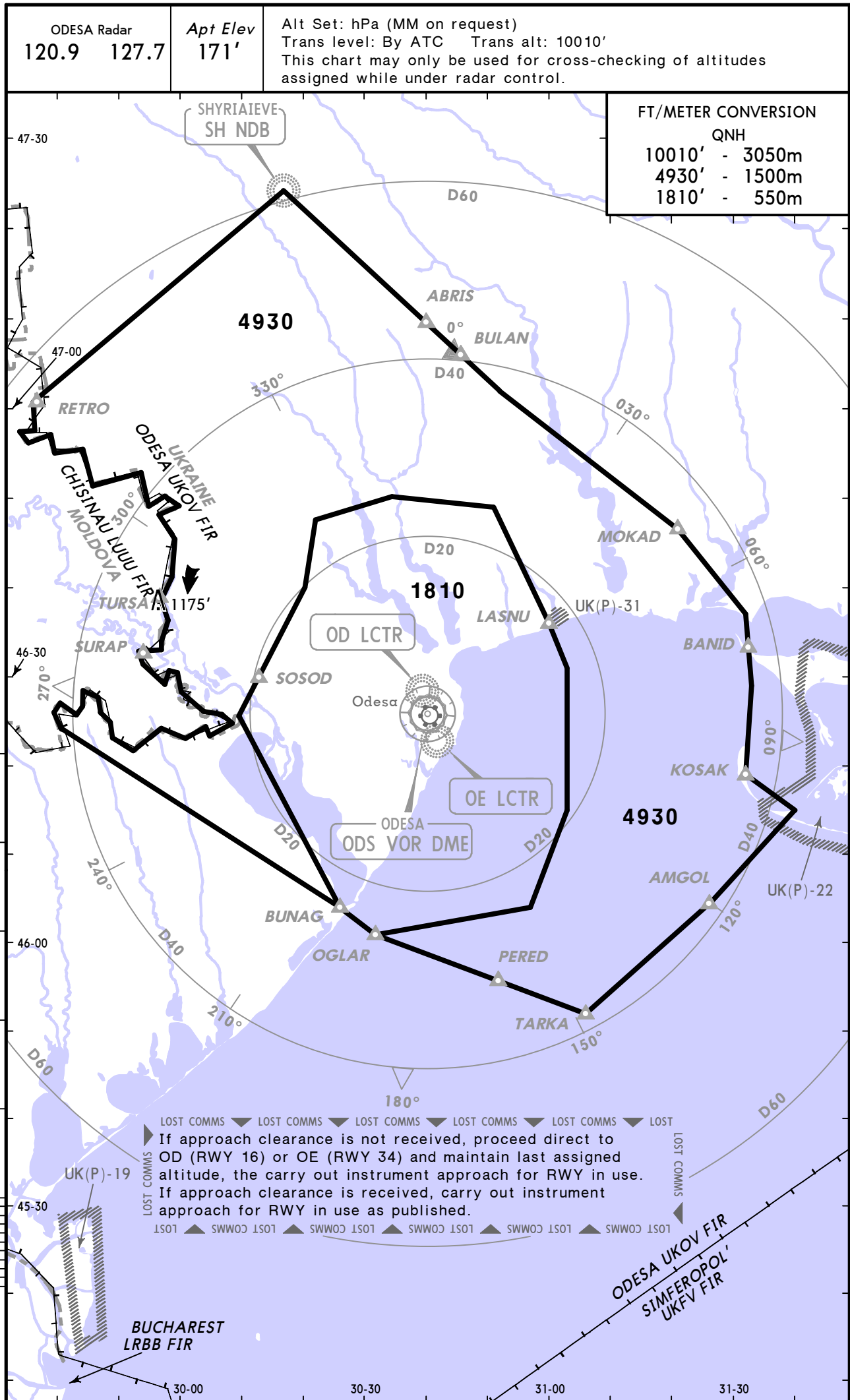
Runway Information

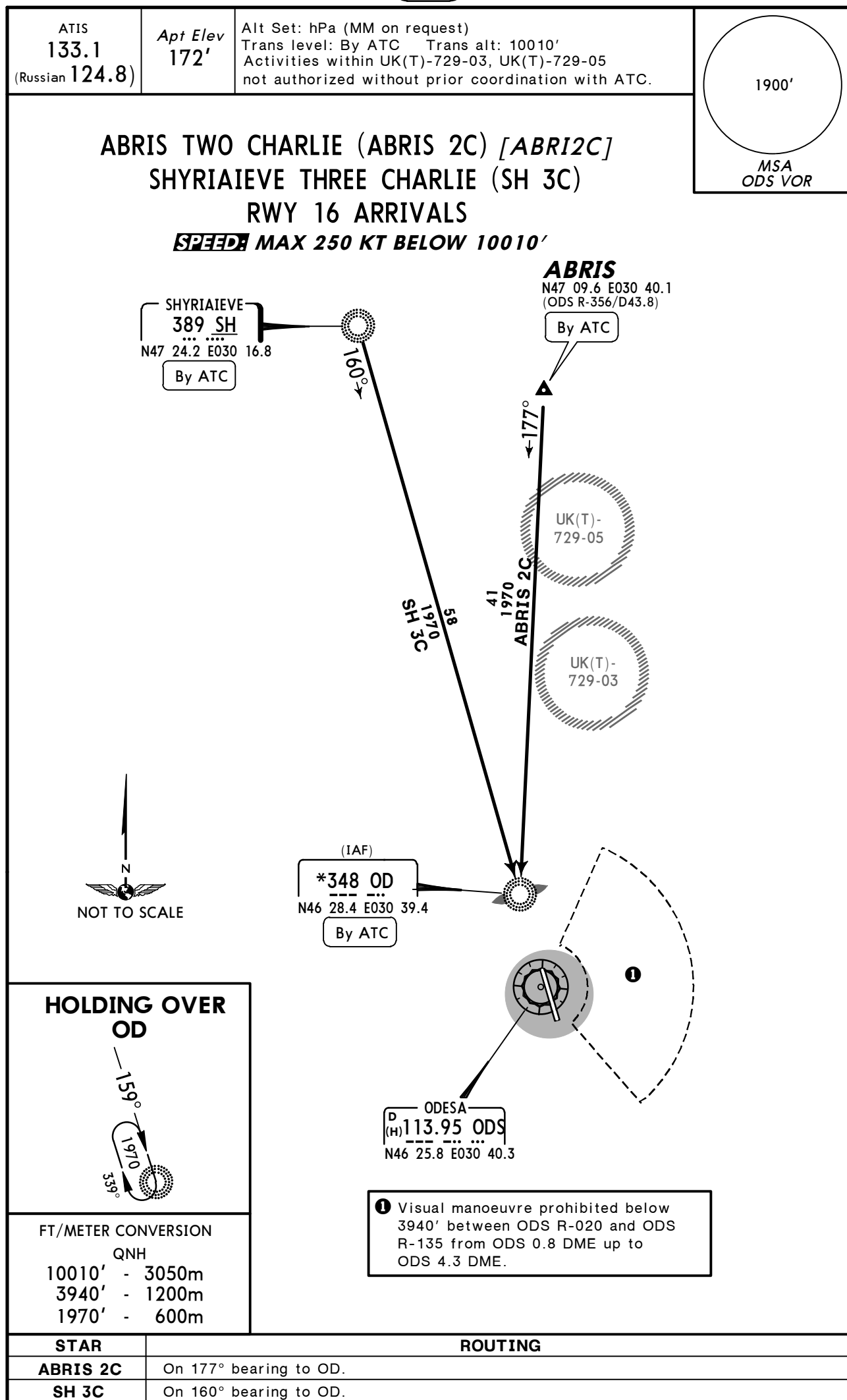
Runway: 16
Length x Width: 9186 ft x 184 ft
Surface Type: asphalt
TDZ-Elev: 172 ft
Lighting: Edge, ALS

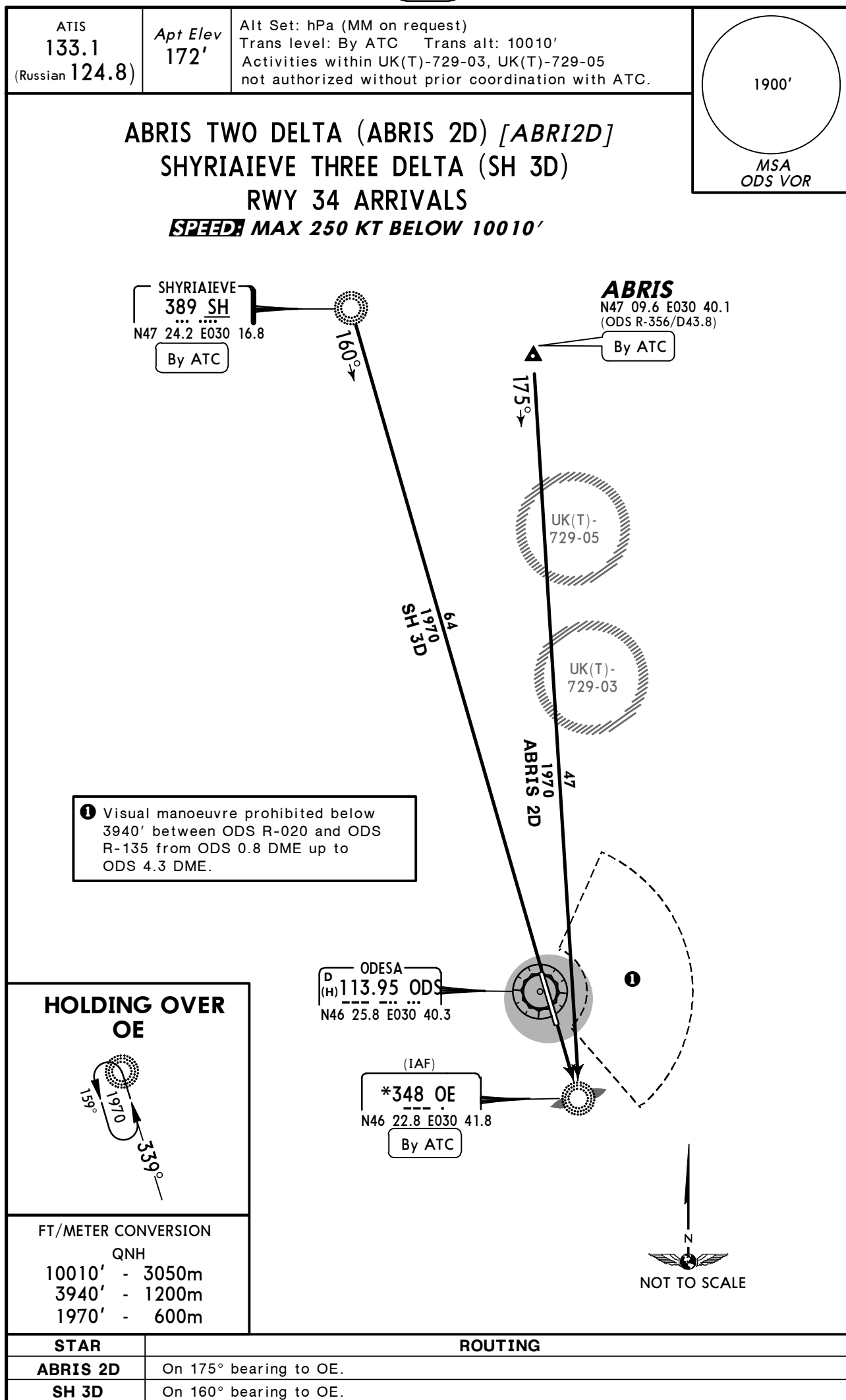
Runway: 34
Length x Width: 9186 ft x 184 ft
Surface Type: asphalt
TDZ-Elev: 165 ft
Lighting: Edge, ALS

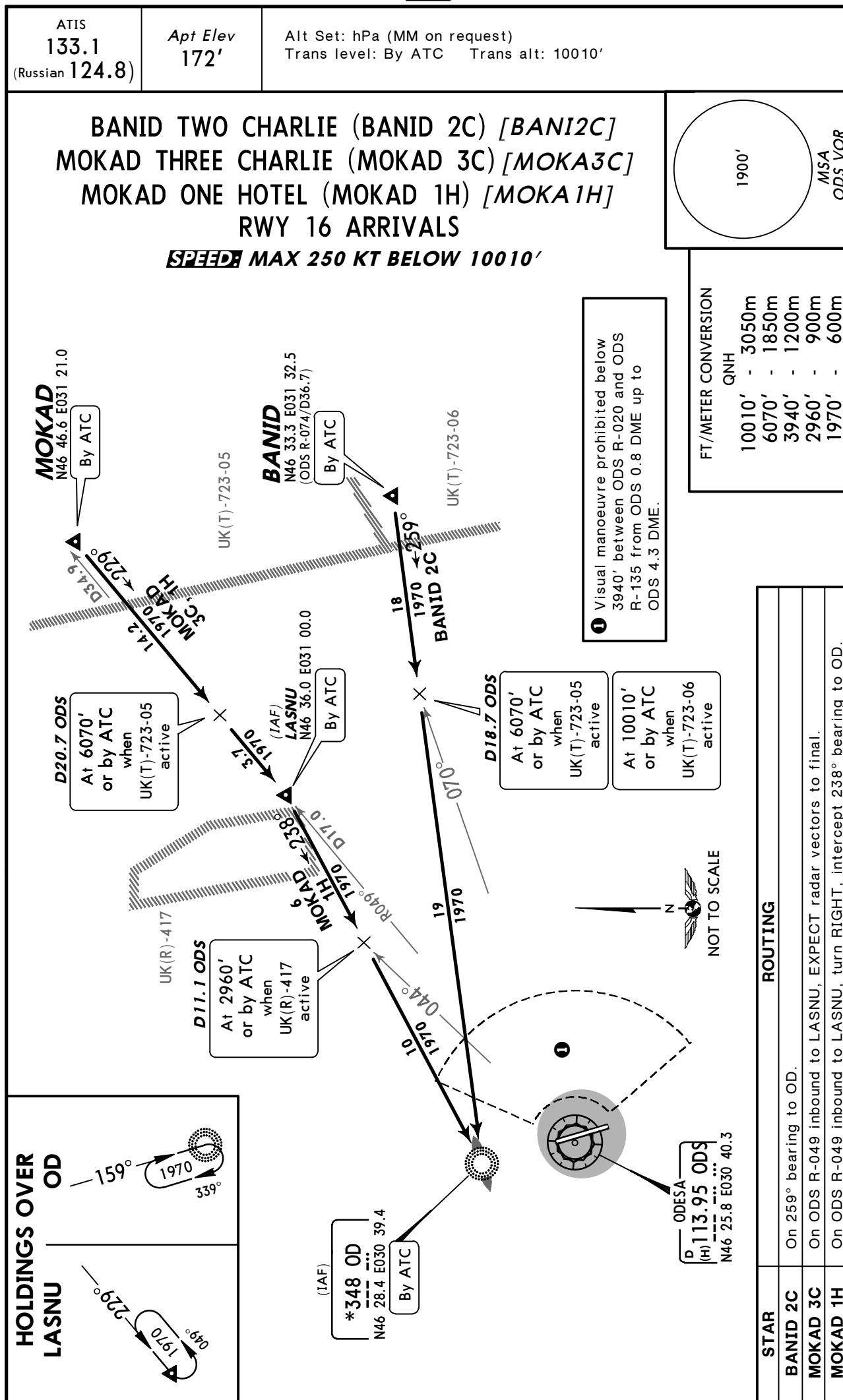
Communication Information

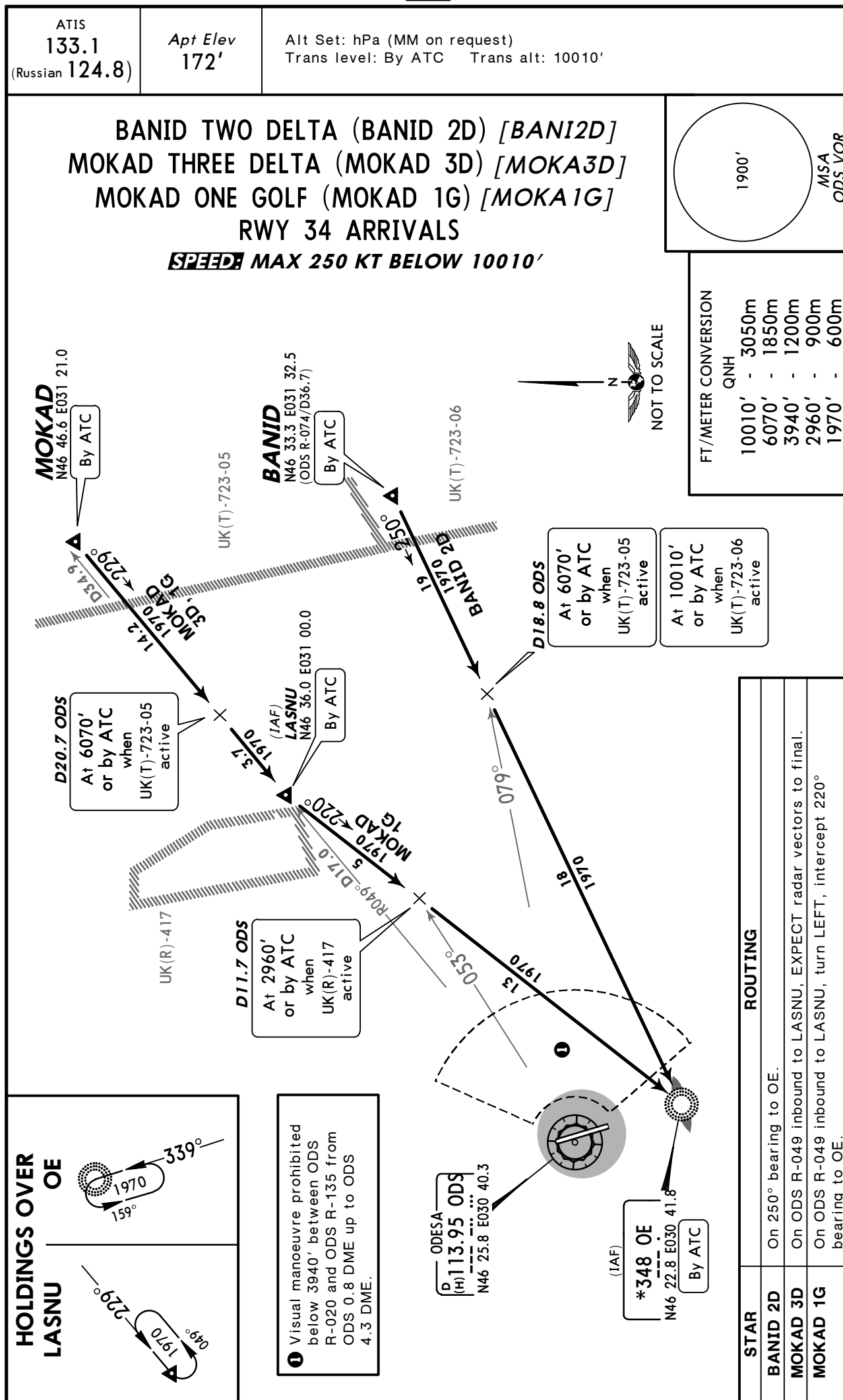
ATIS 133.1
ATIS 124.8 Non-English
Odesa Tower 125.5
Odesa Ground Control 121.8
Odesa Radar Approach Control 127.7
Odesa Radar Approach Control 120.9

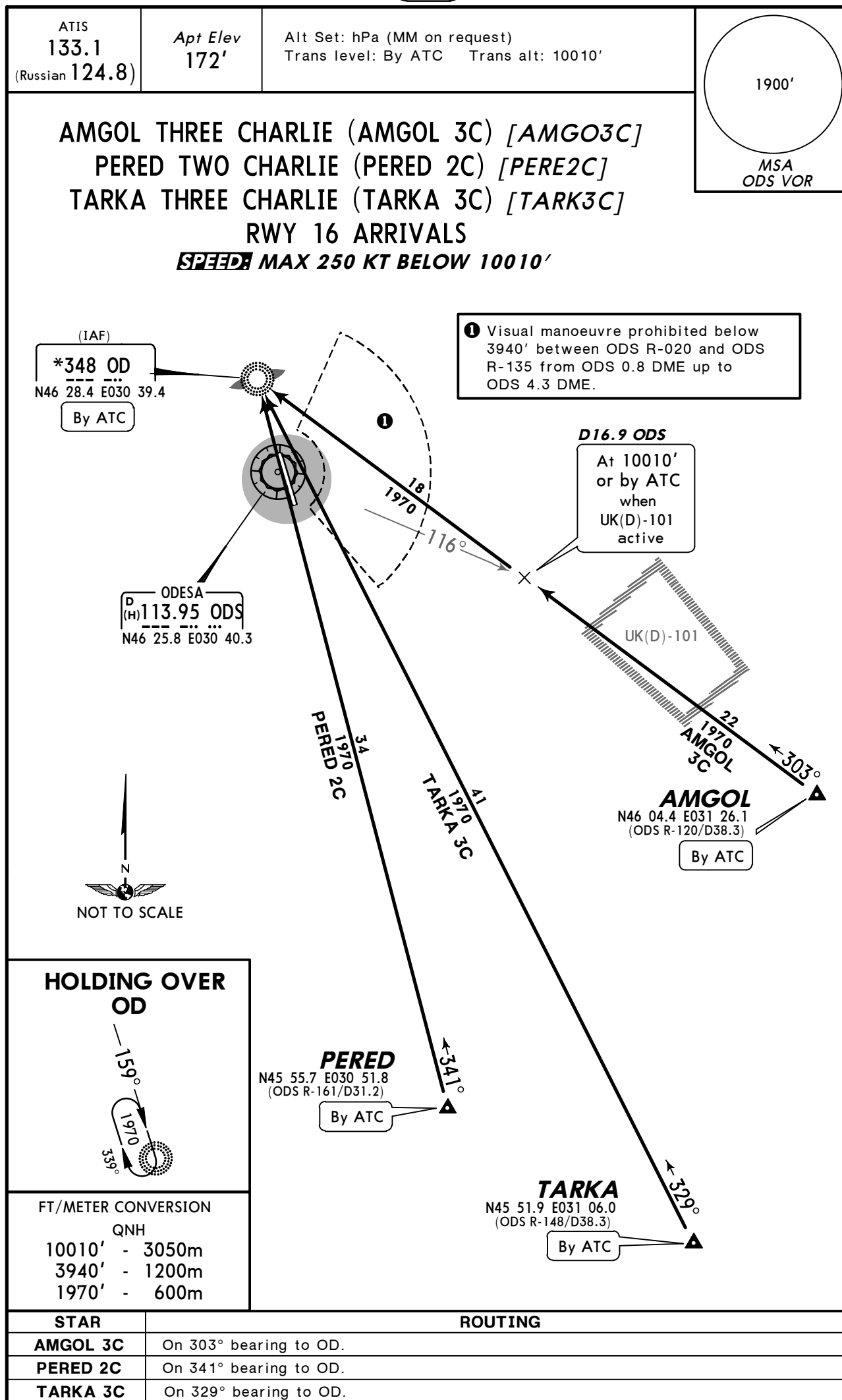


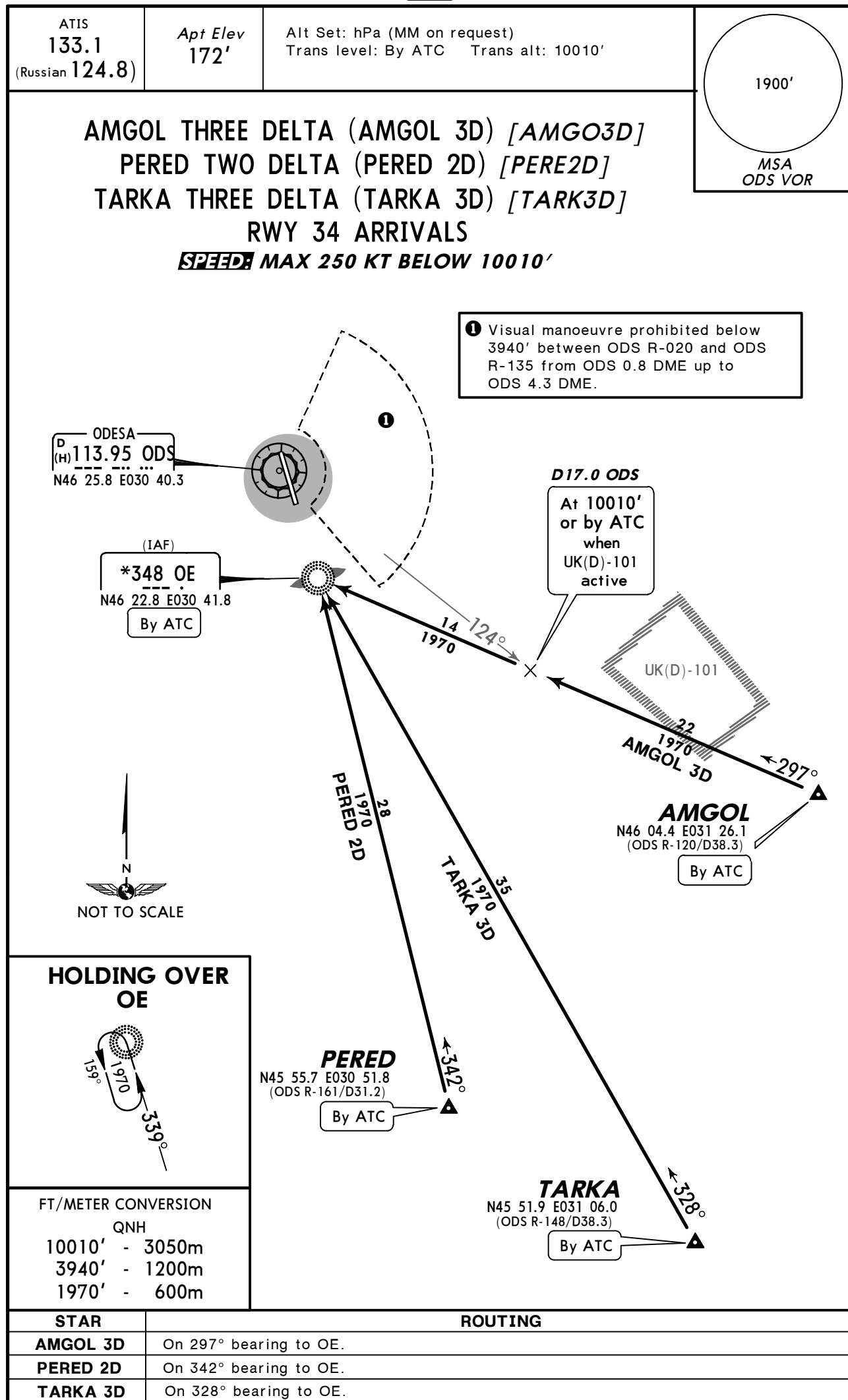


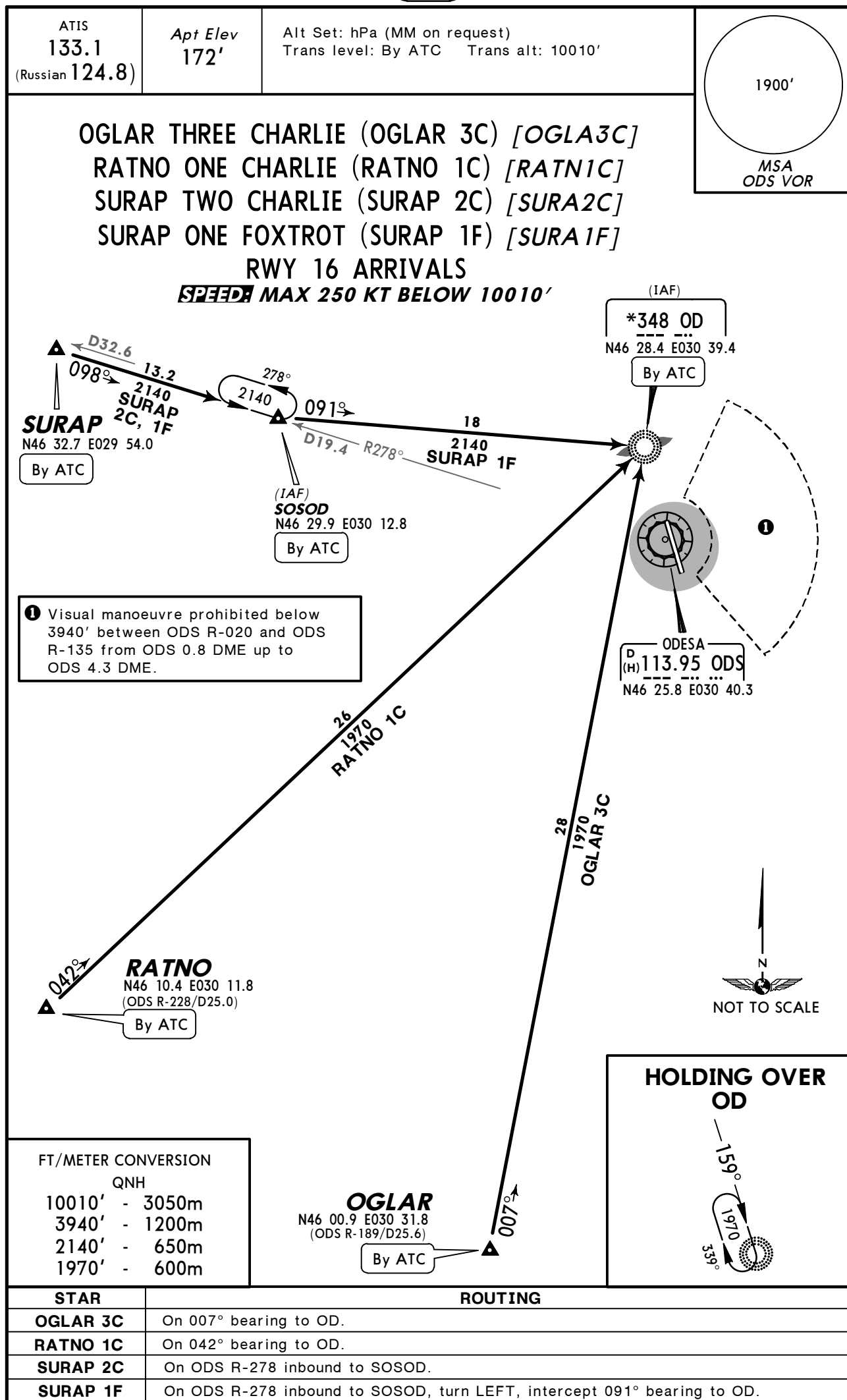


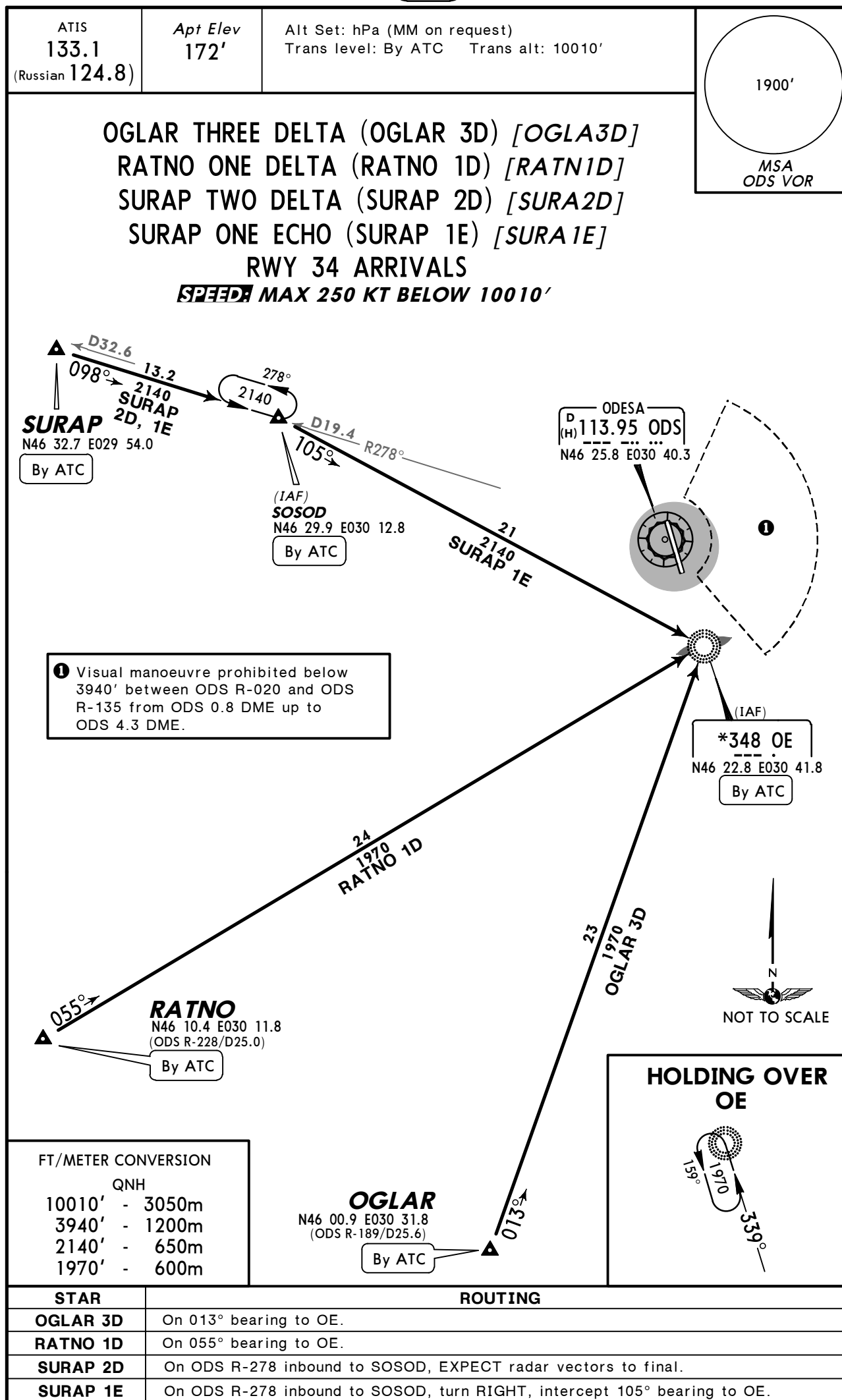












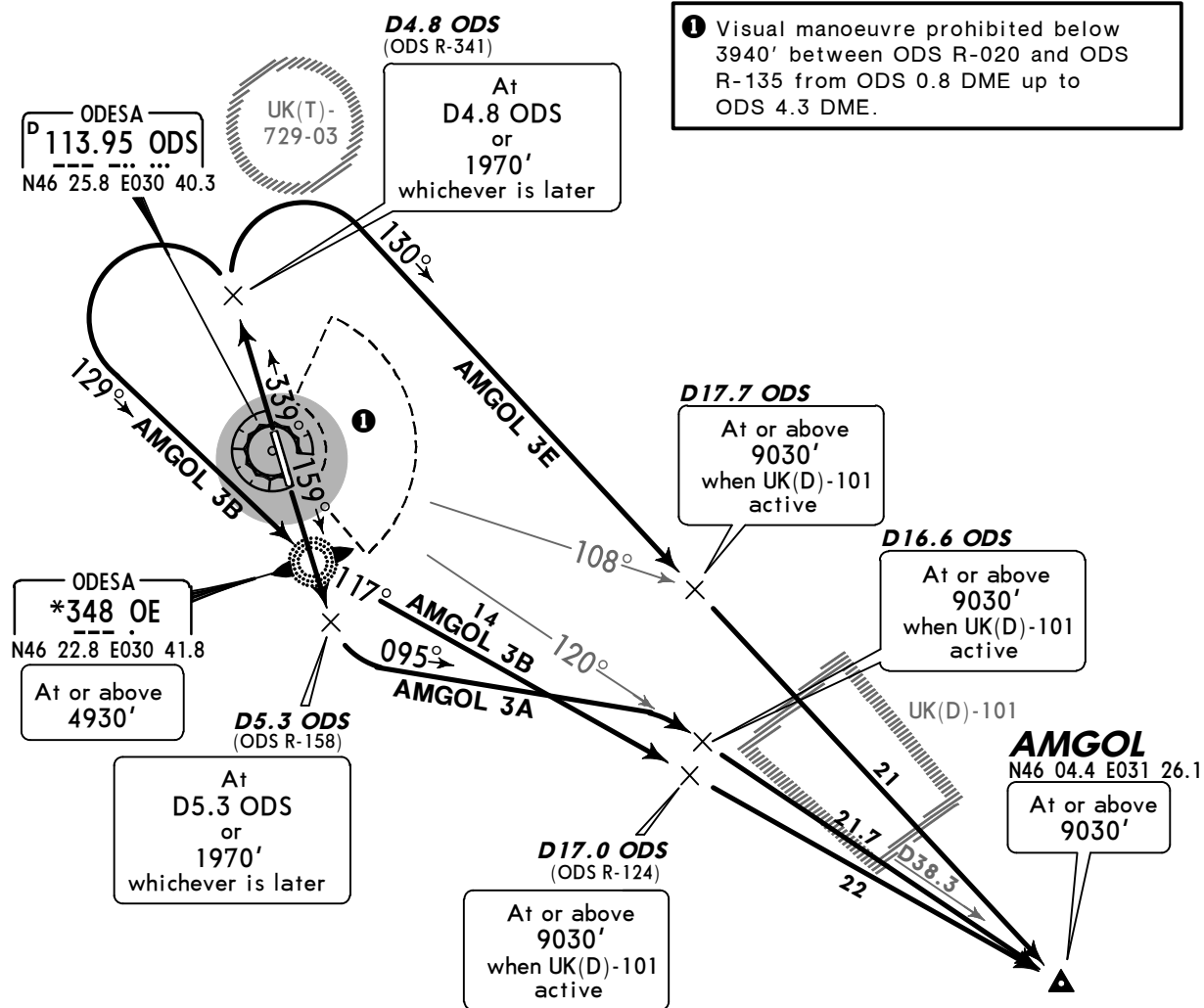
2. Activities within UK(T)-729-03 not authorized prior coordination with ATC.



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

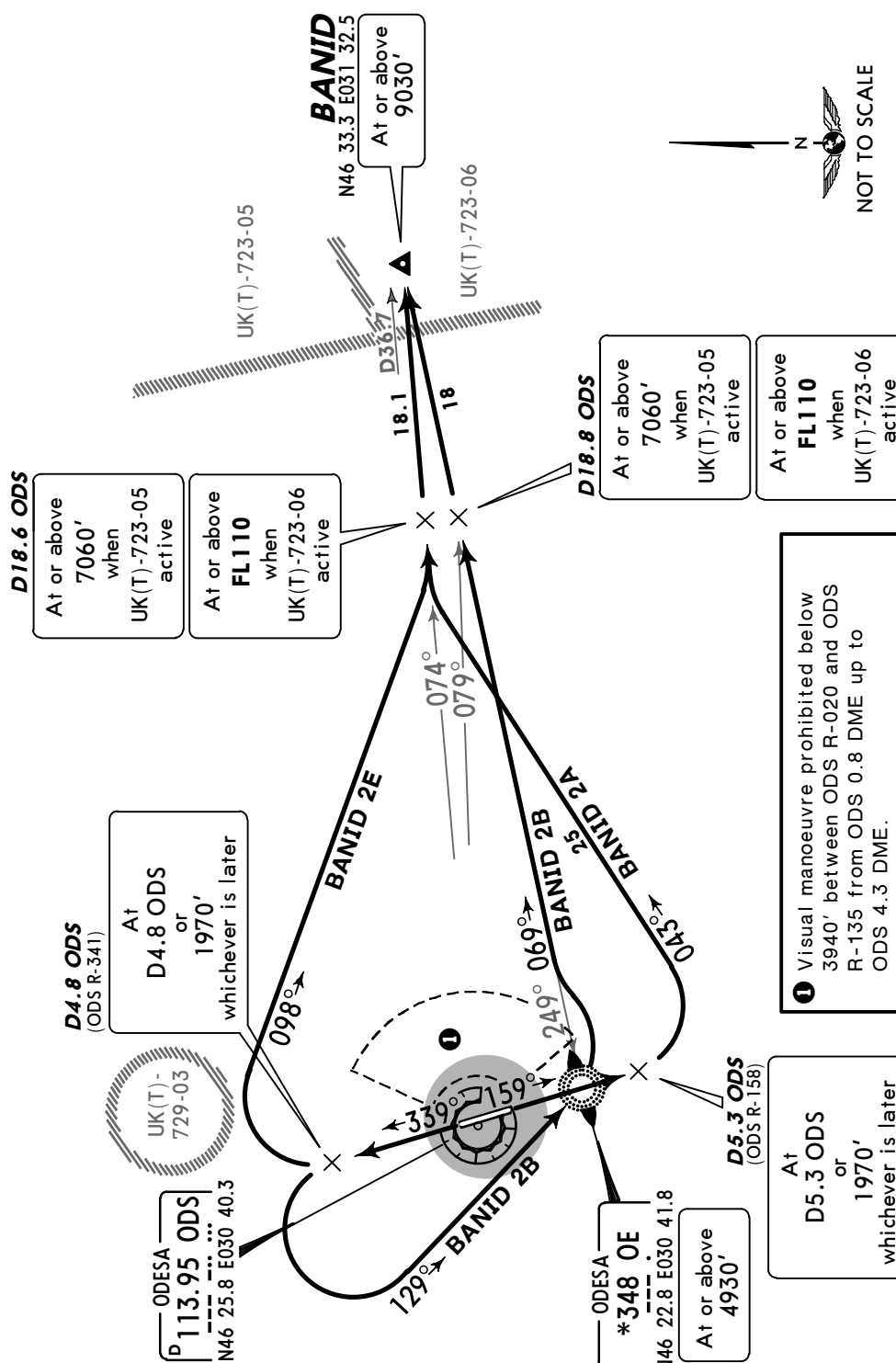
1970'	-	600m
3940'	-	1200m
4930'	-	1500m
9030'	-	2750m
10010'	-	3050m



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.



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

ROUTING

SID	RWY
BANID 2A	16
BANID 2B	34
BANID 2E	

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

© JEPPESEN, 2004, 2011. ALL RIGHTS RESERVED.

© JEPPESEN, 2004, 2011. ALL RIGHTS RESERVED.

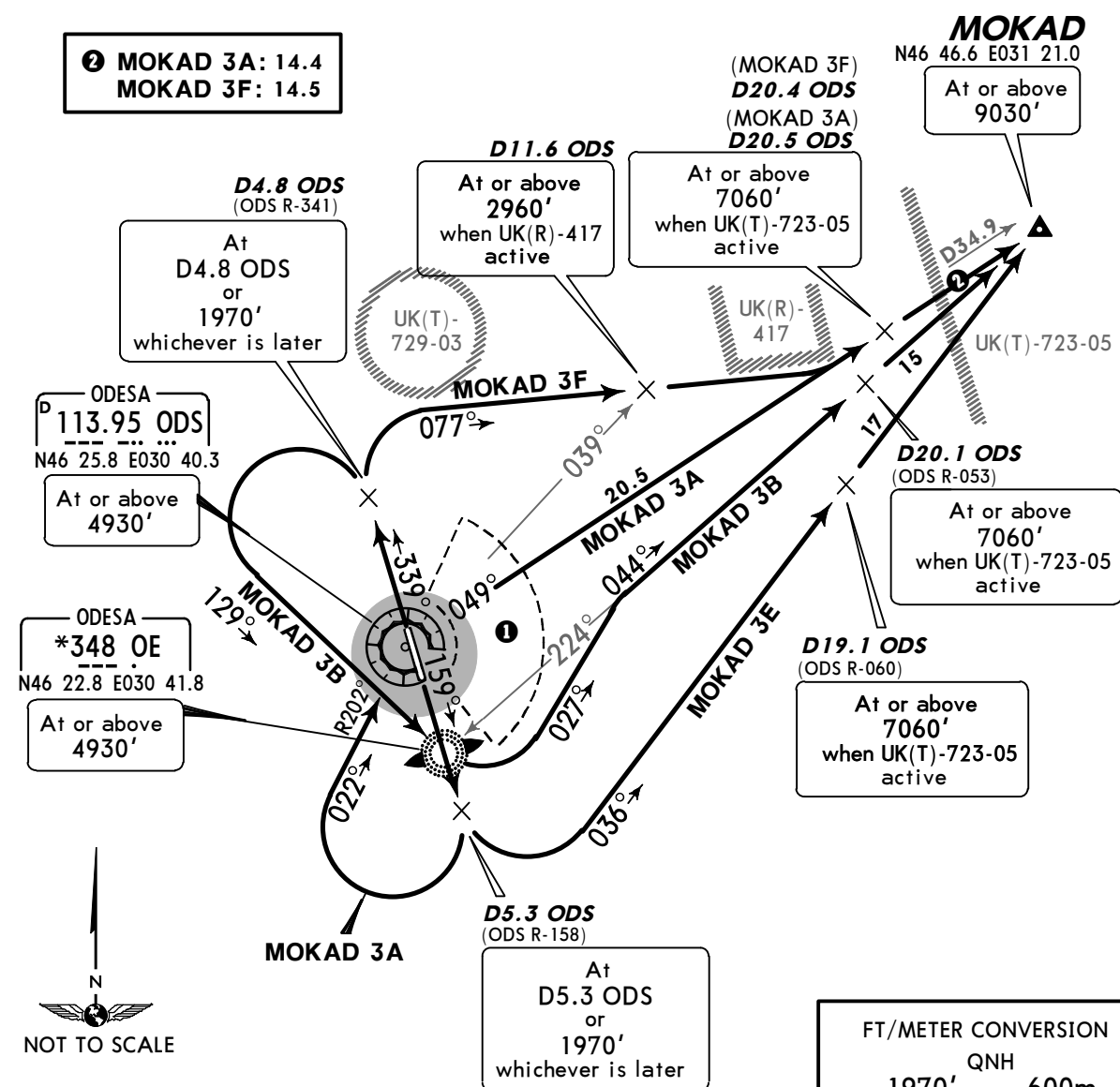
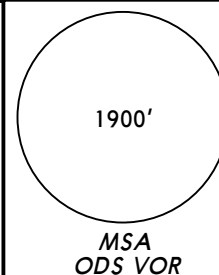
Apt Elev
171'

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.

MOKAD THREE ALFA (MOKAD 3A) [MOKA3A]
MOKAD THREE BRAVO (MOKAD 3B) [MOKA3B]
MOKAD THREE ECHO (MOKAD 3E) [MOKA3E]
MOKAD THREE FOXTROT (MOKAD 3F) [MOKA3F]
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.

FT/METER CONVERSION

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

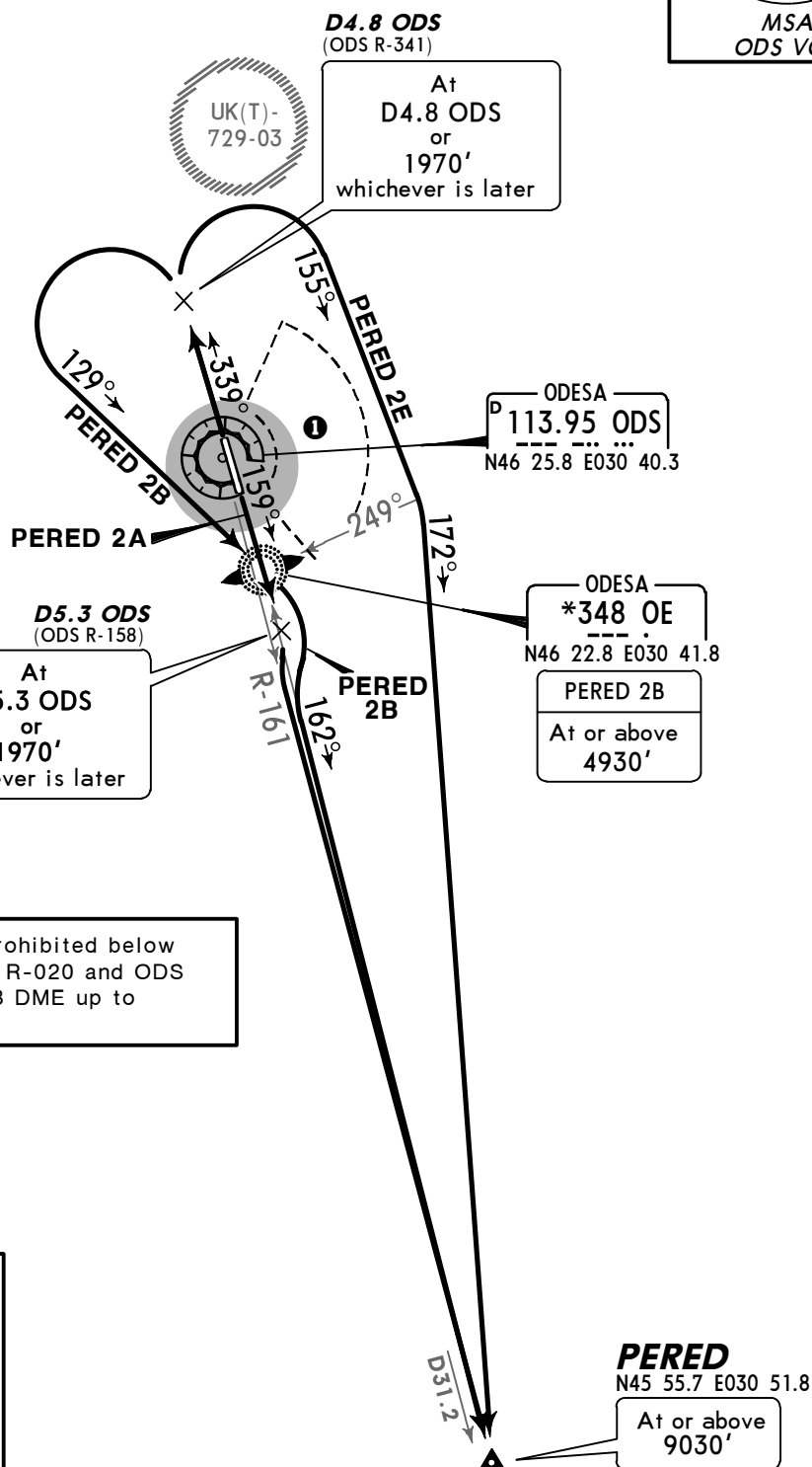
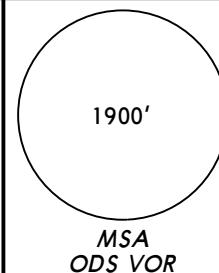
SID	RWY	ROUTING
MOKAD 3A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn RIGHT, intercept ODS R-202 inbound to ODS, turn RIGHT, ODS R-049 to MOKAD.
MOKAD 3B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, intercept 129° bearing to OE, turn LEFT, 027° track, intercept 044° bearing from OE to MOKAD.
MOKAD 3E	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn LEFT, 036° track to MOKAD.
MOKAD 3F	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn RIGHT, 077° track, intercept ODS R-049 to MOKAD.

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



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.

FT/METER CONVERSION

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

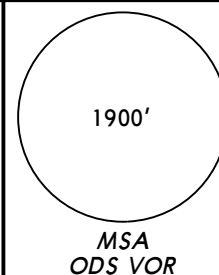
SID	RWY	ROUTING
PERED 2A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn RIGHT, intercept ODS R-161 to PERED.
PERED 2B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, intercept 129° bearing to OE, turn RIGHT, intercept 162° bearing from OE to PERED.
PERED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

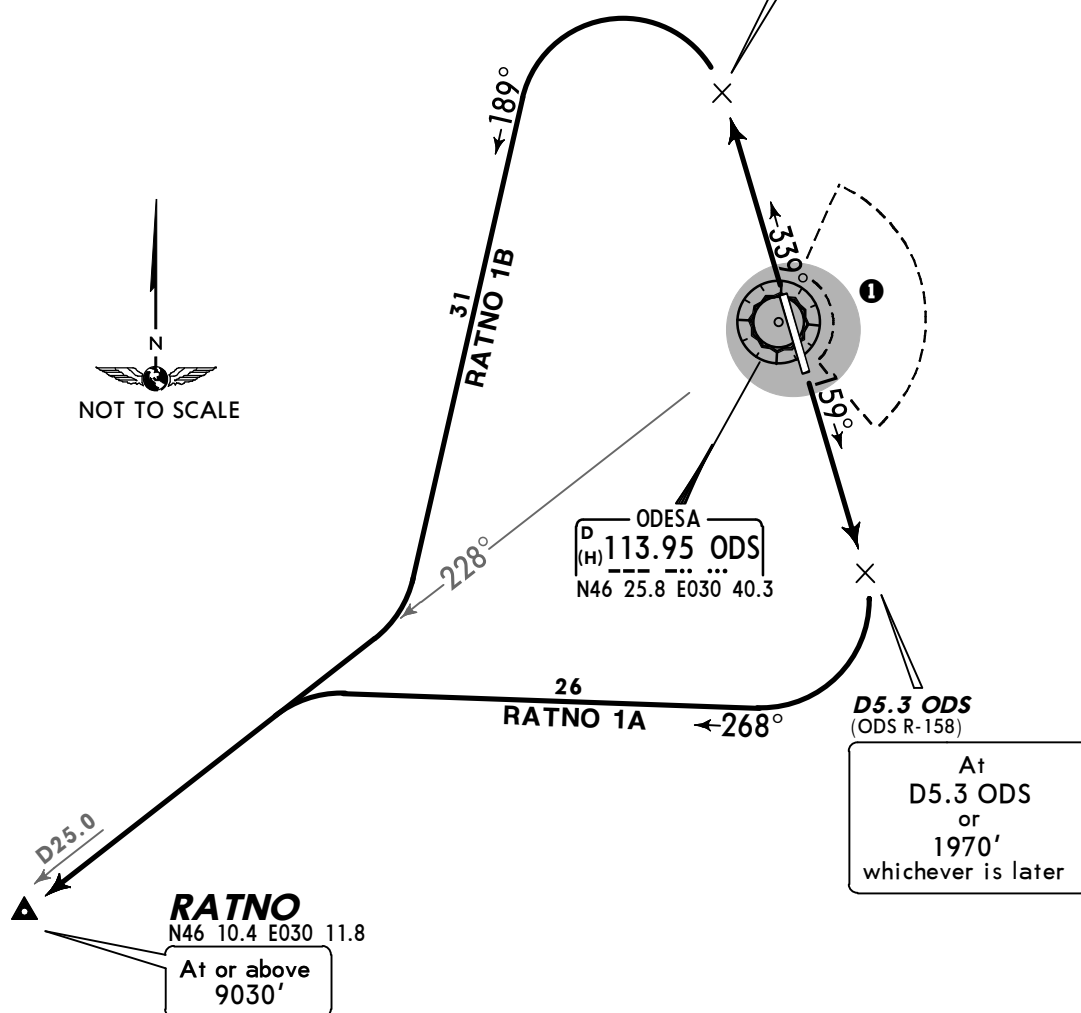
RATNO ONE ALFA (RATNO 1A) [RATN1A]
RATNO ONE BRAVO (RATNO 1B) [RATN1B]
RWYS 16, 34 DEPARTURES



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



FT/METER CONVERSION

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

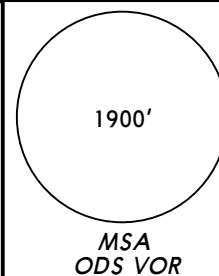
SID	RWY	ROUTING
RATNO 1A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn RIGHT, 268° track, intercept ODS R-228 to RATNO.
RATNO 1B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, 189° track, intercept ODS R-228 to RATNO.

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'

D55.9

- 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

FT/METER CONVERSION

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

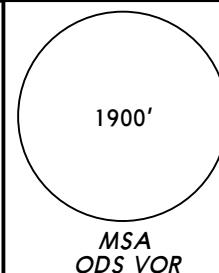
SID	RWY	ROUTING
RETRO 2A	16	Climb straight ahead to D5.3 ODS or 1970' whichever is later, turn RIGHT, 328° track, intercept ODS R-305 to RETRO.
RETRO 2B	34	Climb straight ahead to D4.8 ODS or 1970' whichever is later, turn LEFT, 282° track, intercept ODS R-305 to RETRO.

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.

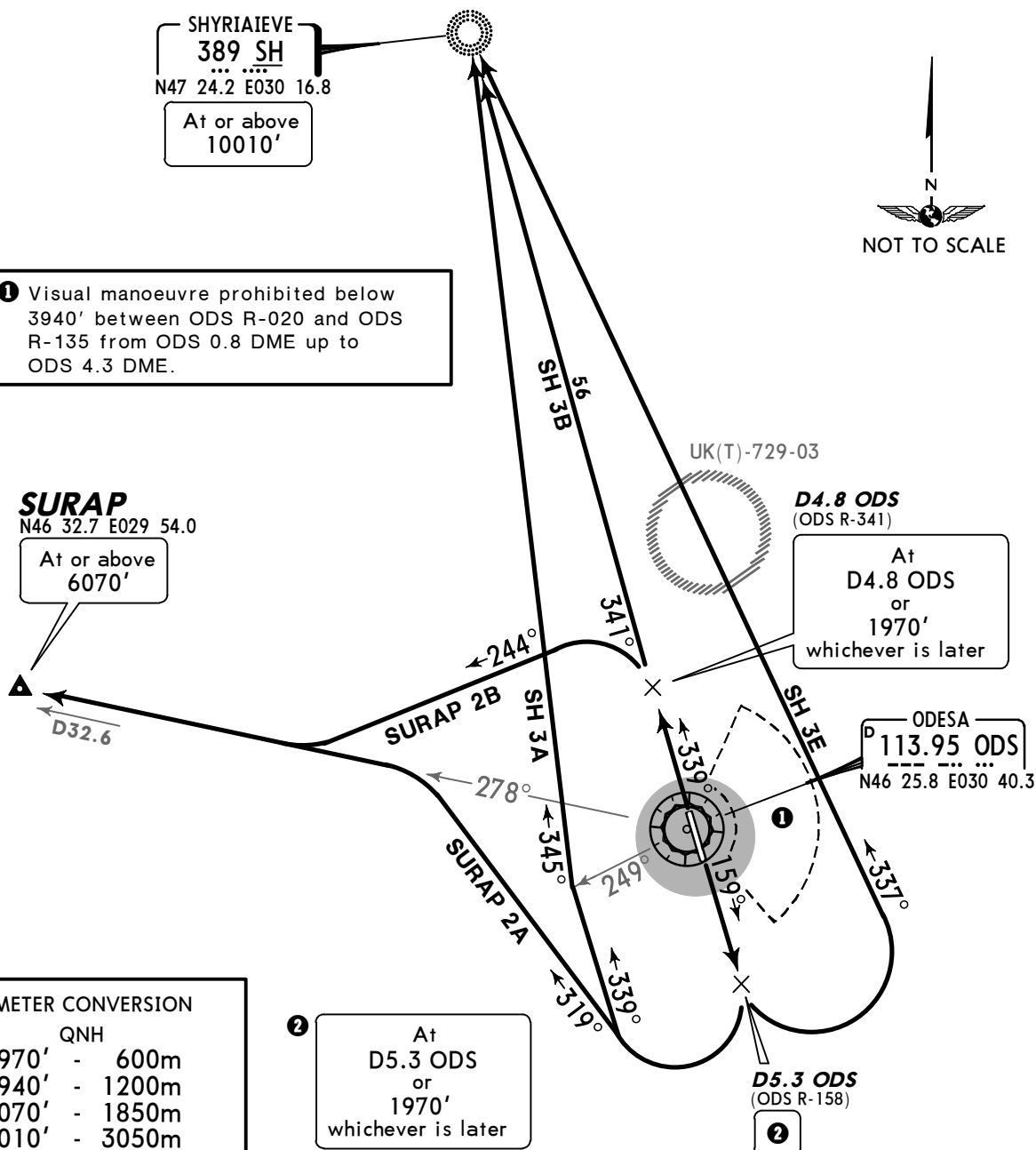
SHYRIAIEVE THREE ALFA (SH 3A)
SHYRIAIEVE THREE BRAVO (SH 3B)
SHYRIAIEVE THREE ECHO (SH 3E)
SURAP TWO ALFA (SURAP 2A) [SURA2A]
SURAP TWO BRAVO (SURAP 2B) [SURA2B]
RWYS 16, 34 DEPARTURES



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

② At
D5.3 ODS
or
1970'
whichever is later

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.

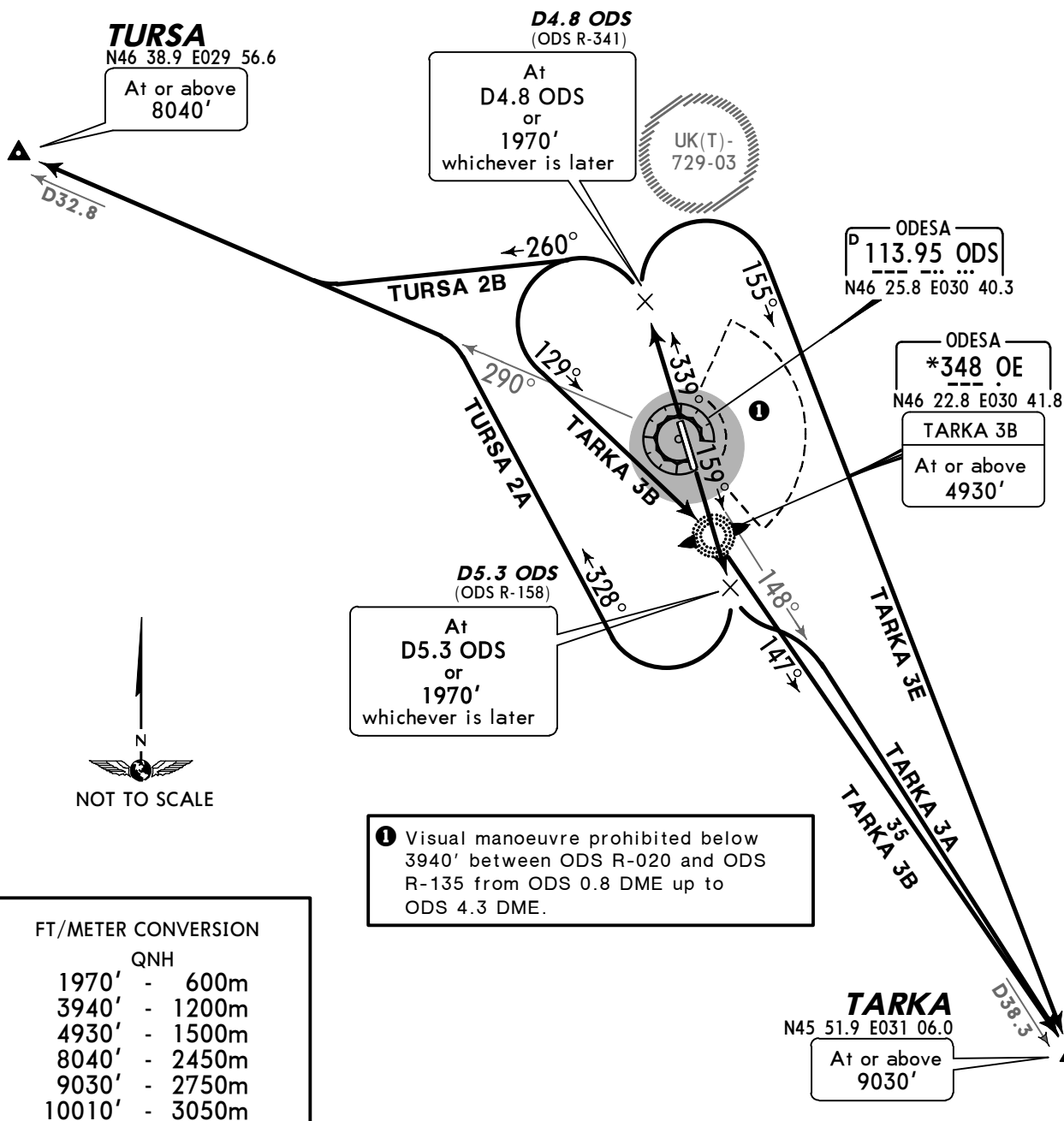
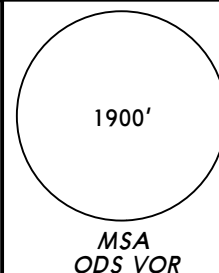
Apt Elev
171'

Trans level: By ATC Trans alt: 10010'

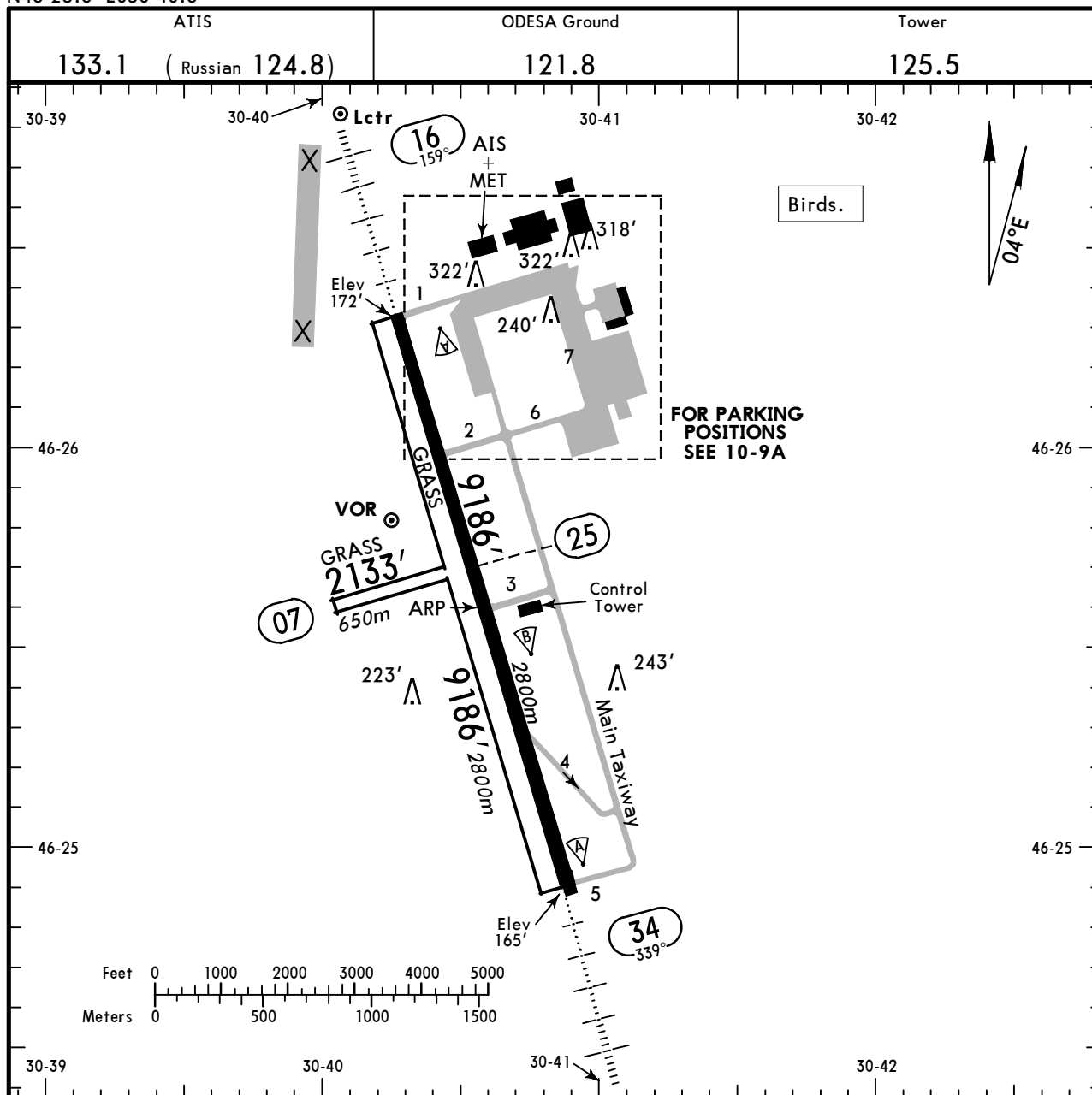
1. Expect radar vectors for spacing.

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.



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

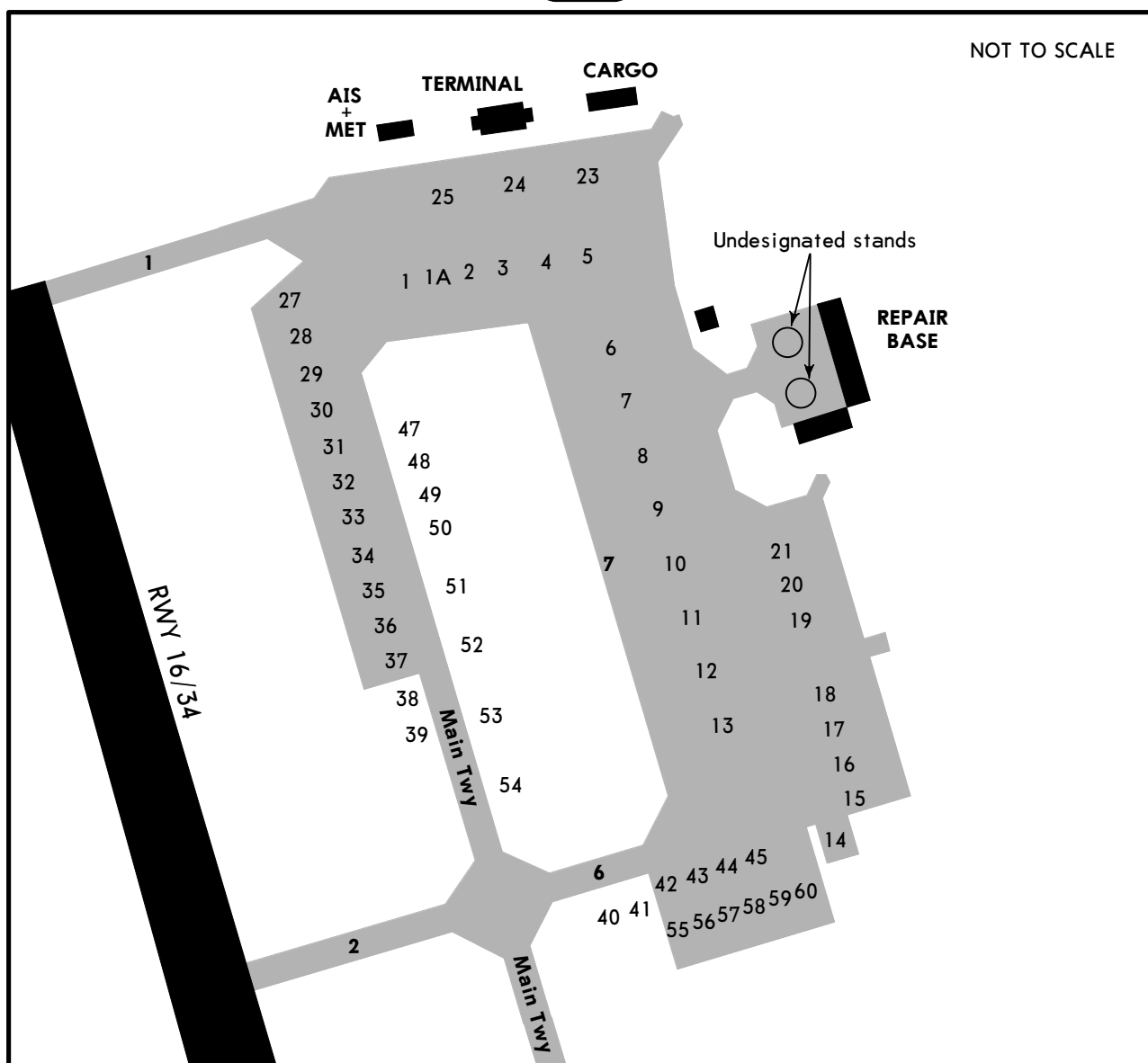
TAKE-OFF 1

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.

NOT TO SCALE



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')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED			
	NDB ❶❷	630'(458')	630'(458')	630'(458')	630'(458')
		R1400m	R1400m	R1400m	R1400m
	ALS out	R1500m	R1500m	C2100m	C2100m
	NDB ❸	680'(508')	680'(508')	680'(508')	680'(508')
		R1800m	R1800m	R2000m	R2000m
34	ALS out	C2600m	C26000m	C2800m	C2800m
	NDB ❶❹	610'(438')	610'(438')	610'(438')	610'(438')
		R1300m	R1300m	R1300m	R1300m
	ALS out	R1500m	R1500m	R2000m	R2000m
	ILS	365'(200')	365'(200')	365'(200')	365'(200')
	FULL	R550m	R550m	R550m	R550m
	Limited	R750m	R750m	R750m	R750m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTHORIZED			
	NDB ❶❷	580'(415')	580'(415')	580'(415')	580'(415')
		R1200m	R1200m	R1200m	R1200m
	ALS out	R1500m	R1500m	R1900m	R1900m
	NDB ❸	630'(465')	630'(465')	630'(465')	630'(465')
		R1700m	R1700m	R1900m	R1900m
	ALS out	C2400m	C2400m	C2600m	C2600m
	NDB ❶❹	510'(345')	510'(345')	510'(345')	510'(345')
		R900m	R900m	R900m	R900m
	ALS out	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	
C		400m
D	300m	500m

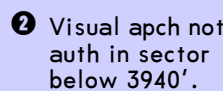
❼ Operators applying U.S. Ops Specs: CL required below 300m.

ODESA, UKRAINE
ILS Rwy 16

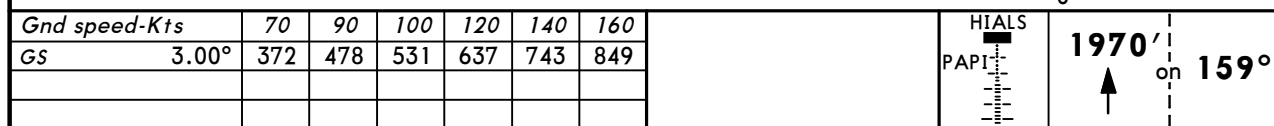


1900'

MSA
ODS VOR



FT/METER CONVERSION	
QNH	
10010'	- 3050m
3940'	- 1200m
2470'	- 750m
2140'	- 650m
1970'	- 600m



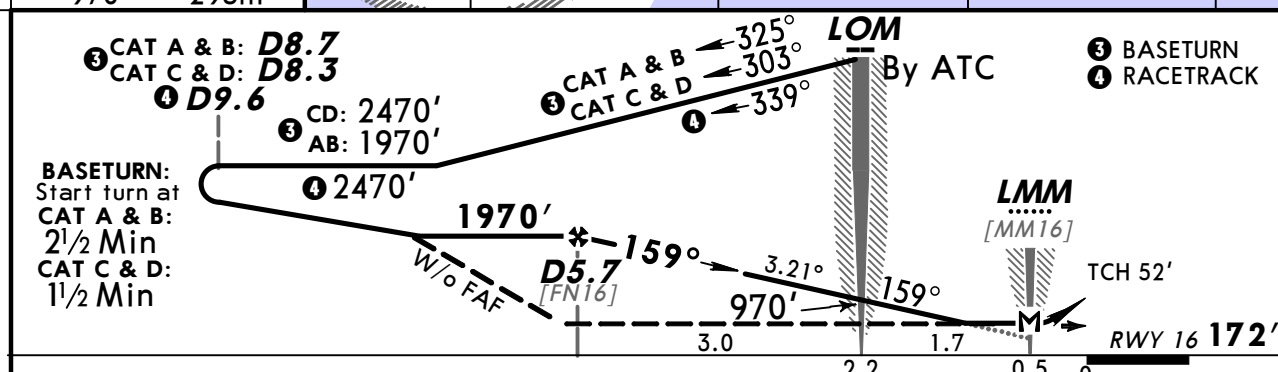
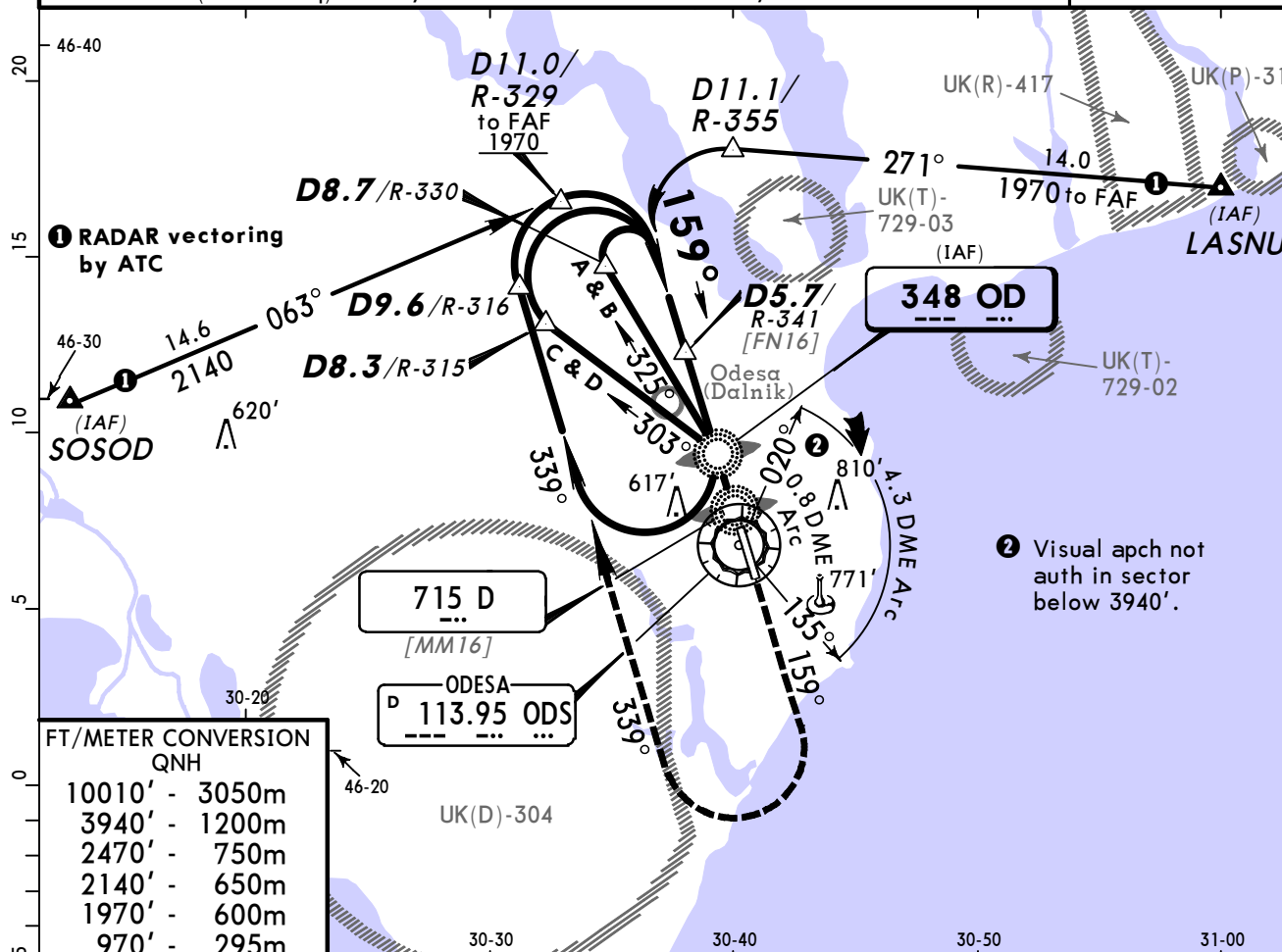
JAR-OPS		STRAIGHT-IN LANDING RWY 16		CIRCLE-TO-LAND	
ILS DA(H) 372' (200')		LOC (GS out)			
FULL		ALS out		Max Kts.	MDA(H) VIS
A	RVR 550m	RVR 1000m	NOT AUTH	100	920' (748') 1500m
B				135	920' (748') 1600m
C				180	1020' (848') 2400m
D				205	1020' (848') 3600m

BRIEFING STRIP TM

NS OPS

CHANGES: ATIS.

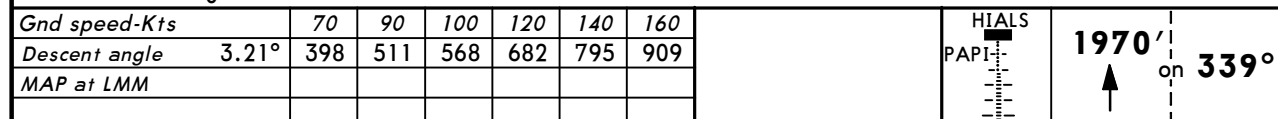
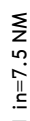
BRIEFING STRIP TM	ATIS		ODESA Radar (APP)		ODESA Tower	Ground	1900' MSA ODS VOR
	133.1 (Russian 124.8)		120.9	127.7	125.5	121.8	
	NDB OD 348	Final Apch Crs 159°	Minimum Alt D5.7 1970'(1798')	MDA(H) Refer to Minimums	Apt Elev 172' RWY 172'		
	MISSED APCH: Climb on 159° to 1970', then turn RIGHT onto 339°,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

BRIEFING STRIP™



PANS OPS

© JEPPESEN, 2004, 2012. ALL RIGHTS RESERVED.

ODESA, (ODESA - UKOO)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UKOO