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Airport Information For UKDE

Terminal Charts For UKDE

Revision Letter For Cycle 08-2013

Change Notices

Notebook

General Information

Location: Zaporizhzhia Ukr
IATA Code: OZH
Lat/Long: N47° 52.0' E035° 18.9'
Elevation: 373 ft

Airport Use: Public
Magnetic Variation: 7.2°E

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

Sunrise: 0251 Z
Sunset: 1627 Z,

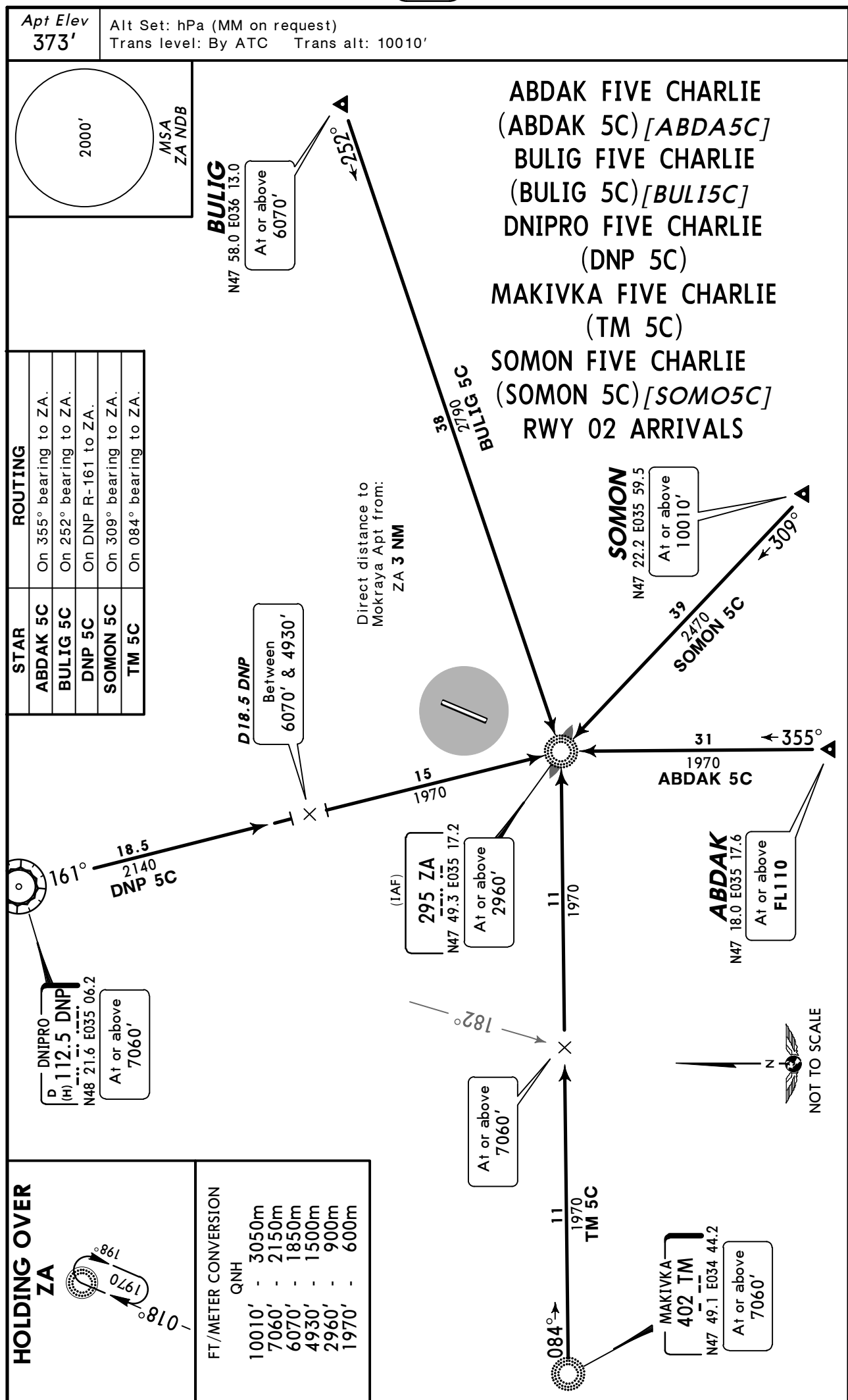
Runway Information

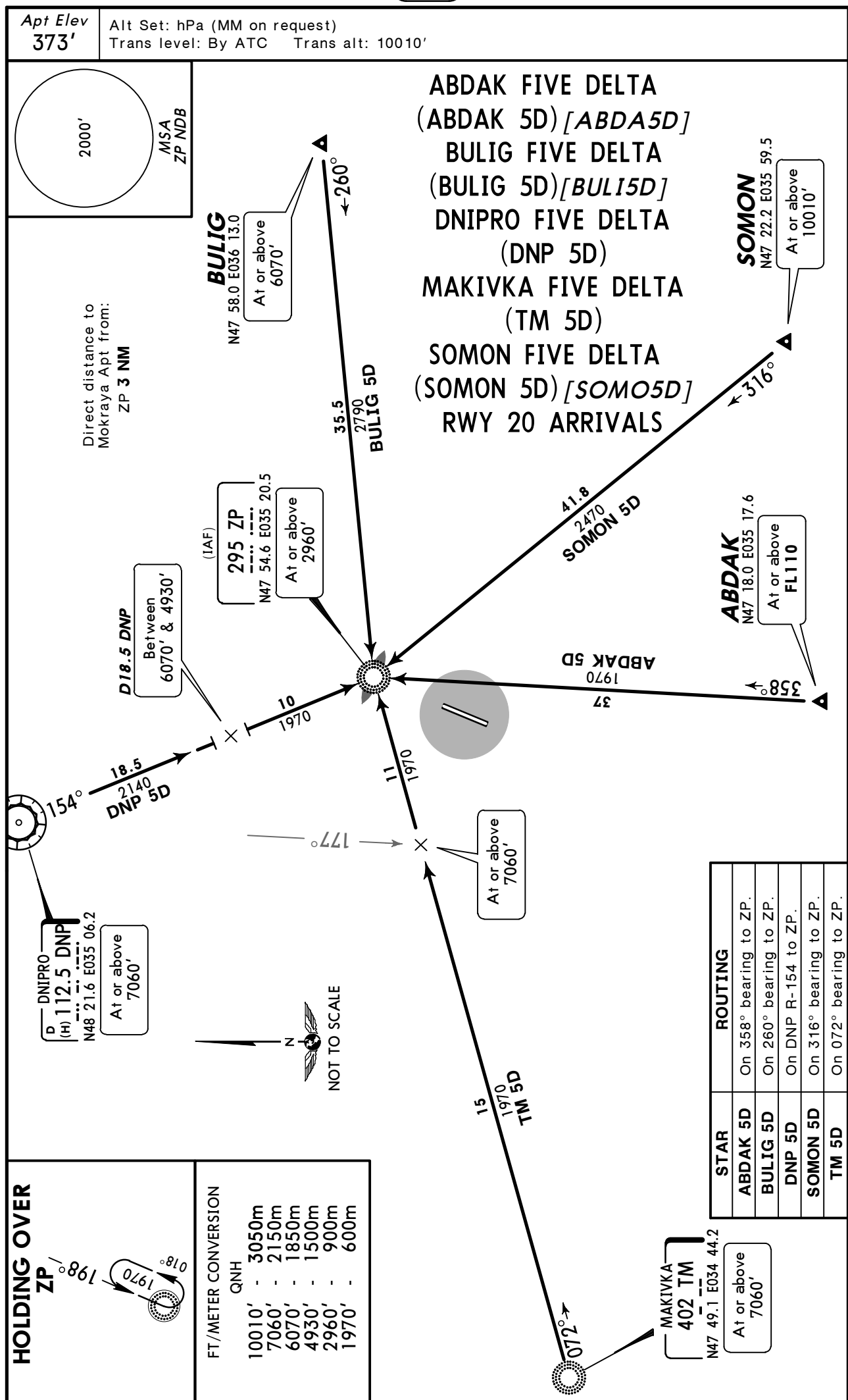
Runway: 02
Length x Width: 8202 ft x 138 ft
Surface Type: concrete
TDZ-Elev: 339 ft
Lighting: Edge, ALS

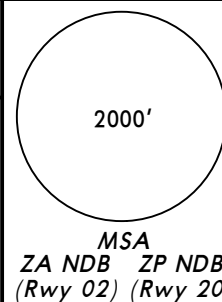
Runway: 20
Length x Width: 8202 ft x 138 ft
Surface Type: concrete
TDZ-Elev: 373 ft
Lighting: Edge, ALS

Communication Information

Zaporizhzhia Tower 118.2
Zaporizhzhia Approach Rad Approach Control 119.2





Apt Elev
373'Trans level: By ATC Trans alt: 10010'
RWY 02: EXCEPT close-in obstacles.

**BULIG FIVE ALFA(BULIG 5A)
BULIG FIVE BRAVO(BULIG 5B)
DNIPRO FIVE ALFA(DNP 5A)
DNIPRO FIVE BRAVO(DNP 5B)
RWYS 02, 20 DEPARTURES**

D DNIPRO
(H) 112.5 DNP
N48 21.6 E035 06.2

At or above
8040'



D18.8 DNP

Between
4930' & 6070'

D18.6 DNP

Between
4930' & 6070'

295 ZP

N47 54.6 E035 20.5

At or above
4930'

295 ZA

N47 49.3 E035 17.2

At
1970'

FT/METER CONVERSION

QNH

1970'	-	600m
4930'	-	1500m
6070'	-	1850m
7060'	-	2150m
8040'	-	2450m
10010'	-	3050m



BULIG

N47 58.0 E036 13.0

At or above
7060'

DNP 5A

This SID requires a minimum climb gradient
of
6.0% up to 4930'.

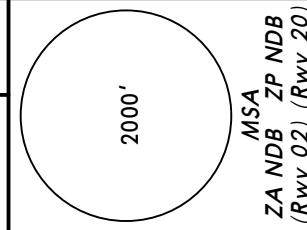
Gnd speed-KT	75	100	150	200	250	300
6.0% V/V(fpm)	456	608	911	1215	1519	1823

If unable advice ATC.

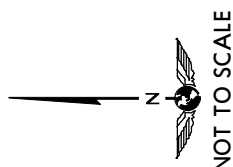
SID	RWY	ROUTING
BULIG 5A	02	Climb on 018° track to 1970', turn RIGHT, 126° track, when passing 255° bearing to TM, turn LEFT, intercept 077° bearing from TM to BULIG.
BULIG 5B	20	Climb on 198° track to 1970', turn LEFT, 018° track, when passing 259° bearing to TM, turn RIGHT, intercept 077° bearing from TM to BULIG.
DNP 5A	02	Climb on 018° track to 1970', turn LEFT, intercept DNP R-152 inbound to DNP.
DNP 5B	20	Climb on 198° track to 1970', turn LEFT, intercept 345° bearing to ZP, turn LEFT, intercept DNP R-155 inbound to DNP.

Apt Elev
373'

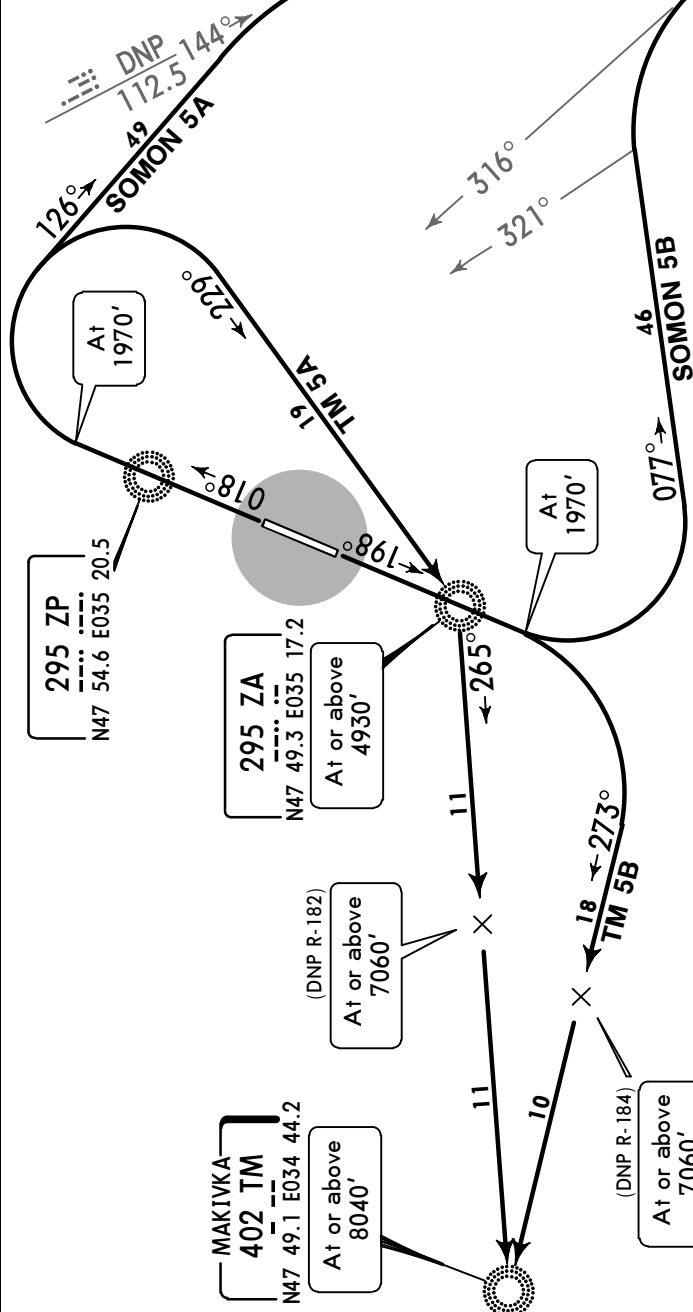
Trans level: By ATC Trans alt: 10010'
RWY 02: EXPECT close-in obstacles.



MAKIVKA FIVE ALFA (TM 5A)
MAKIVKA FIVE BRAVO (TM 5B)
SOMON FIVE ALFA (SOMON 5A) [SOMO5A]
SOMON FIVE BRAVO (SOMON 5B)
RWYS 02, 20 DEPARTURES



SOMON
N47 22.2 E035 59.5
At or above
FL110



TM 5B

This SID requires a minimum climb gradient of 6.5% up to 7060'.

Gnd speed-KT	75	100	150	200	250	300
6.5% V/V(fpm)	494	658	987	1317	1646	1975

If unable advice ATC.

FT/METER CONVERSION

QNH	1970'	4930'	7060'	8040'	10010'	3050m
	600m	1500m	2150m	2450m	3050m	

SID	RWY	ROUTING
SOMON 5A	02	Climb on 018° track to 1970', turn RIGHT, 126° track, intercept DNP R-144 to SOMON.
SOMON 5B	20	Climb on 198° track to 1970', turn LEFT, 077° track, when passing 321° bearing to ZP turn RIGHT, intercept 136° bearing from ZP to SOMON.
TM 5A	02	Climb on 018° track to 1970', turn RIGHT, intercept 229° bearing to ZA, turn RIGHT, 265° bearing to TM.
TM 5B	20	Climb on 198° track to 1970', turn RIGHT, intercept 273° bearing to TM.

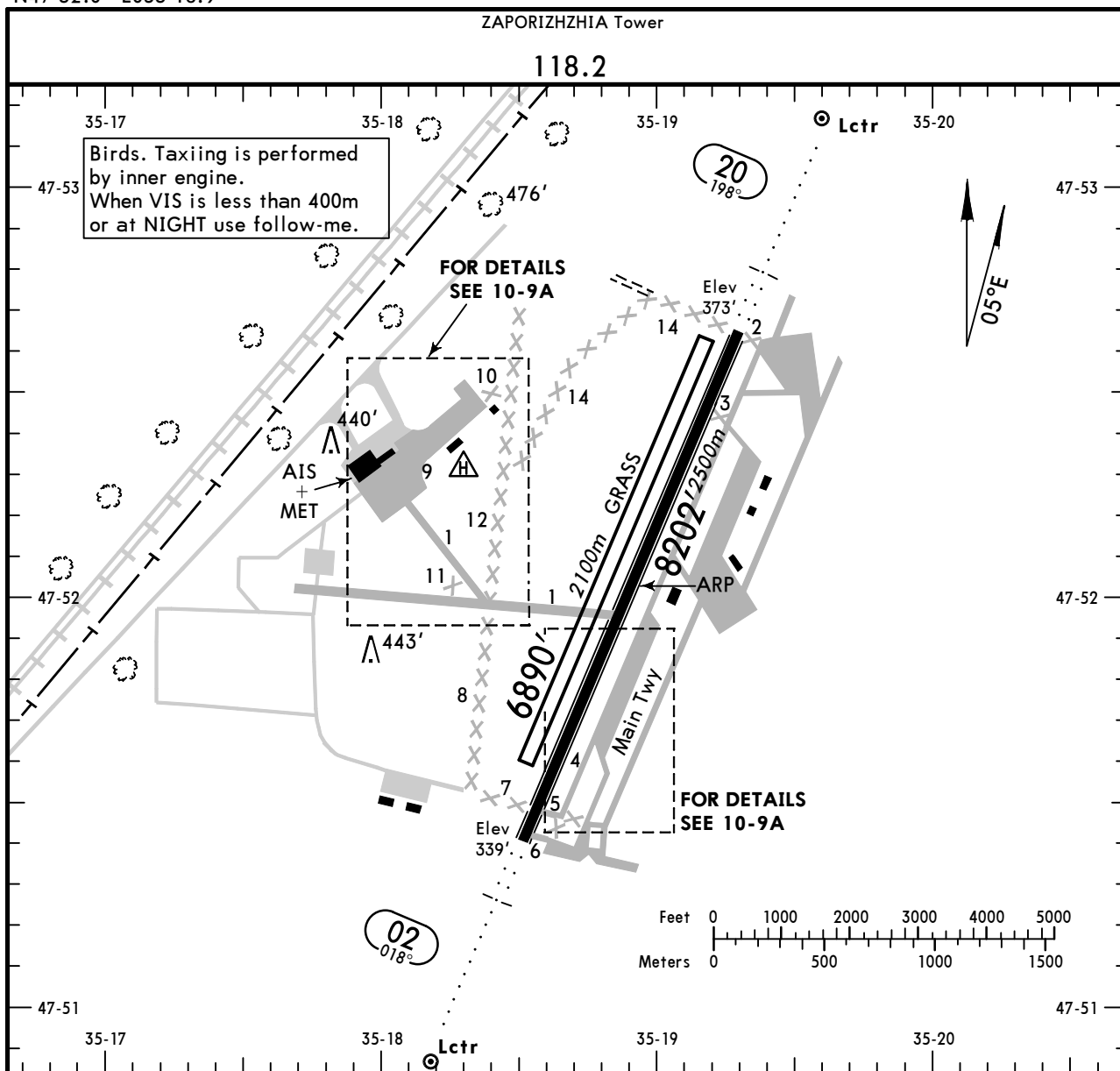
UKDE/OZH

Apt Elev **373'**
N47 52.0 E035 18.9

1 FEB 13

(10-9)

Eff 7 Feb

JEPPesen ZAPORIZHZHIA, UKRAINE
MOKRAYA

ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS		TAKE-OFF	WIDTH
				LANDING BEYOND			
				Threshold	Glide Slope		
02	20	RL (100m) ALS	RVR		7170' 2185m 6987' 2130m		138' 42m
02	20	Grass runway					279' 85m

JAR-OPS

TAKE-OFF **I**

Main rwy 02/20

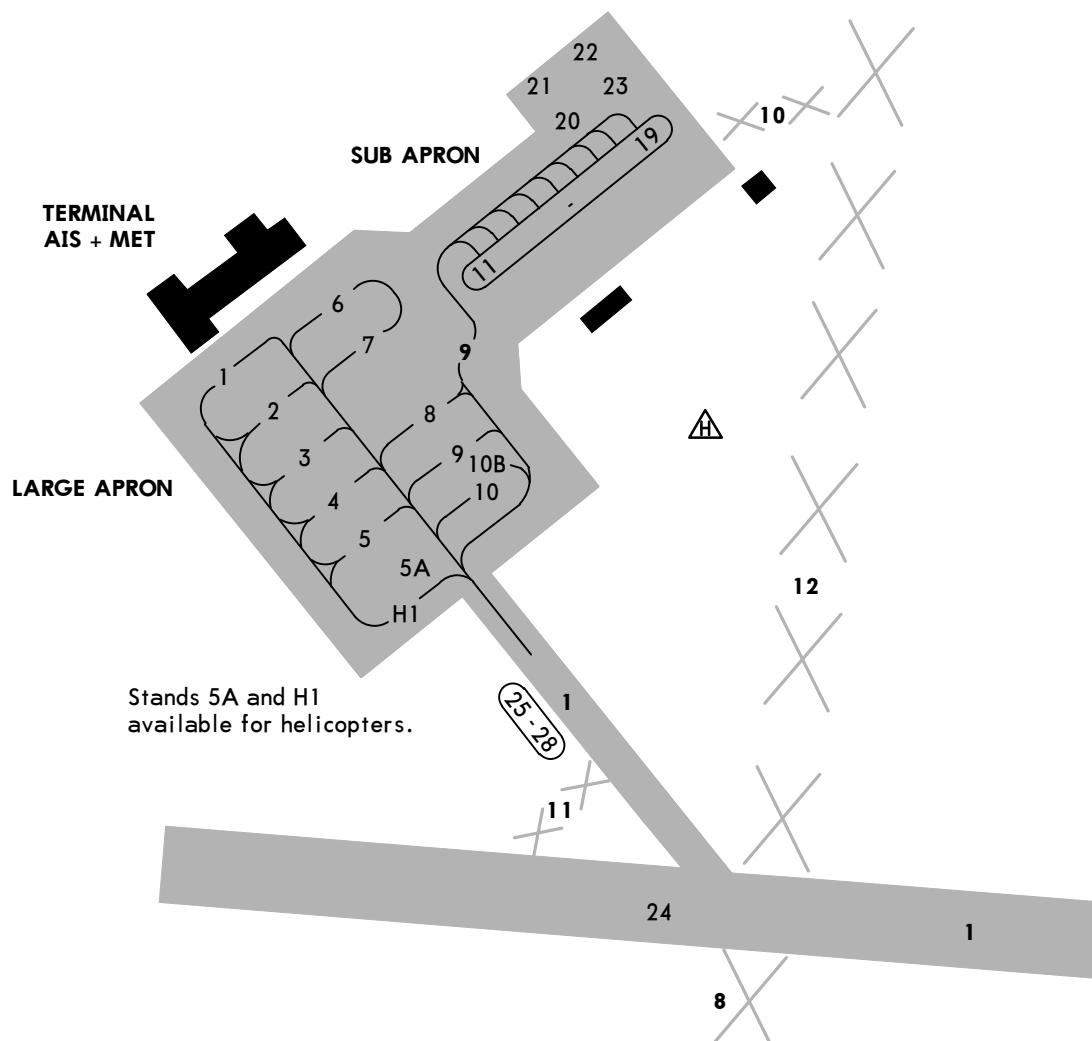
	LVP must be in force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A			
B	250m	400m	500m
C			
D	300m		

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

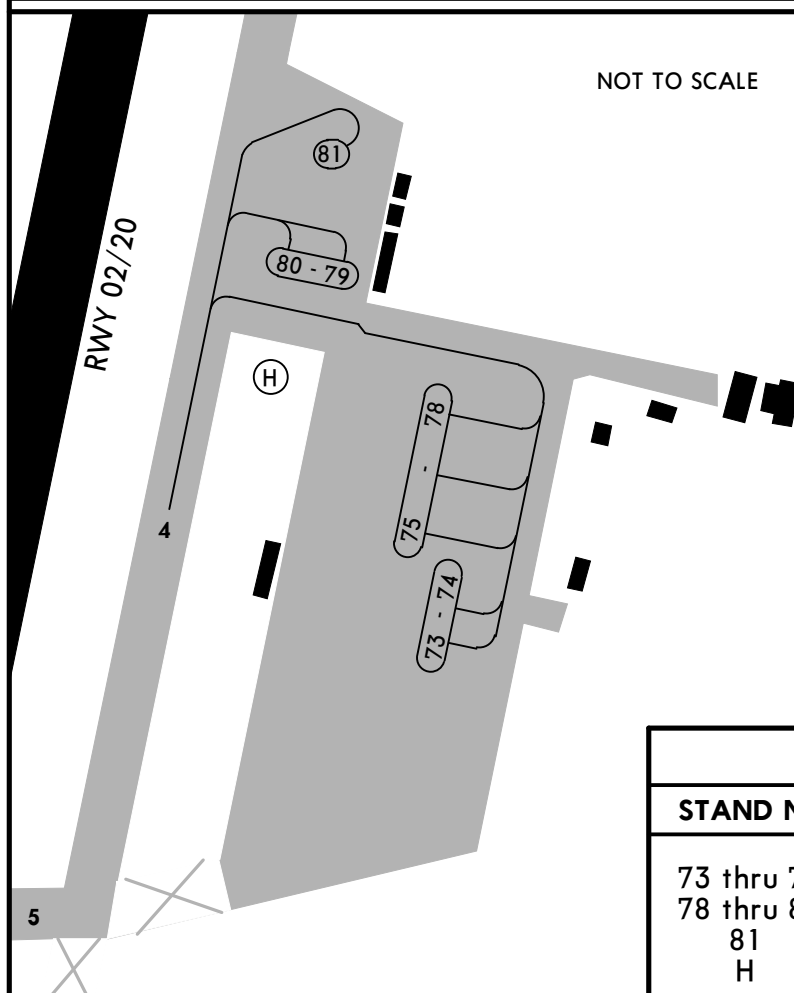
CHANGES: None.

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NOT TO SCALE



NOT TO SCALE



INS COORDINATES

STAND No

COORDINATES

73 thru 77

N47 51.7 E035 19.0

78 thru 80

N47 51.8 E035 19.0

81

N47 51.9 E035 19.0

H

N47 52.0 E035 19.5

STRAIGHT-IN RWY		A	B	C	D
02	ILS	558'(219') R1000m	568'(229') R1000m	577'(238') R1000m	587'(248') R1000m
	ALS out	R1200m	R1200m	R1200m	R1300m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ❶ ❷	710'(371') R1500m	710'(371') R1500m	710'(371') R1500m	710'(371') R1500m
	ALS out	R1700m	R1700m	R1700m	R1700m
20	NDB ❸	790'(451') C2100m	790'(451') C2100m	790'(451') C2300m	790'(451') C2300m
	ALS out	C2300m	C2300m	C2500m	C2500m
	ILS	573'(200') R1000m	573'(200') R1000m	573'(200') R1000m	581'(208') R1000m
	ALS out	R1200m	R1200m	R1200m	R1200m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	NDB ❶ ❷	730'(357') R1400m	730'(357') R1400m	730'(357') R1400m	730'(357') R1400m
	ALS out	R1600m	R1600m	R1600m	R1600m
	NDB ❸	890'(517') C2300m	890'(517') C2300m	890'(517') C2500m	890'(517') C2500m
	ALS out	C2600m	C2600m	C2800m	C2800m

❶ Continuous Descent Final Approach.

❷ with SDF at LOM.

❸ w/o SDF.

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
After ILS 02 ❹	780'(441')	880'(541')	1120'(781')	1140'(801')
After NDB 02 ❹	790'(451')	880'(541')	1120'(781')	1140'(801')
After ILS 20	780'(407')	880'(507')	1120'(747')	1140'(767')
After NDB 20	890'(517')	890'(517')	1120'(747')	1140'(767')
	V1500m❺	V1600m❺	V2400m❺	V3600m

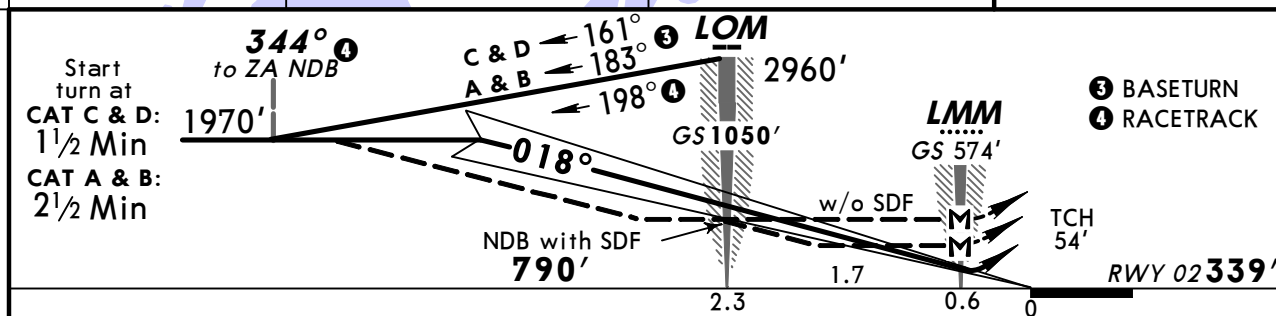
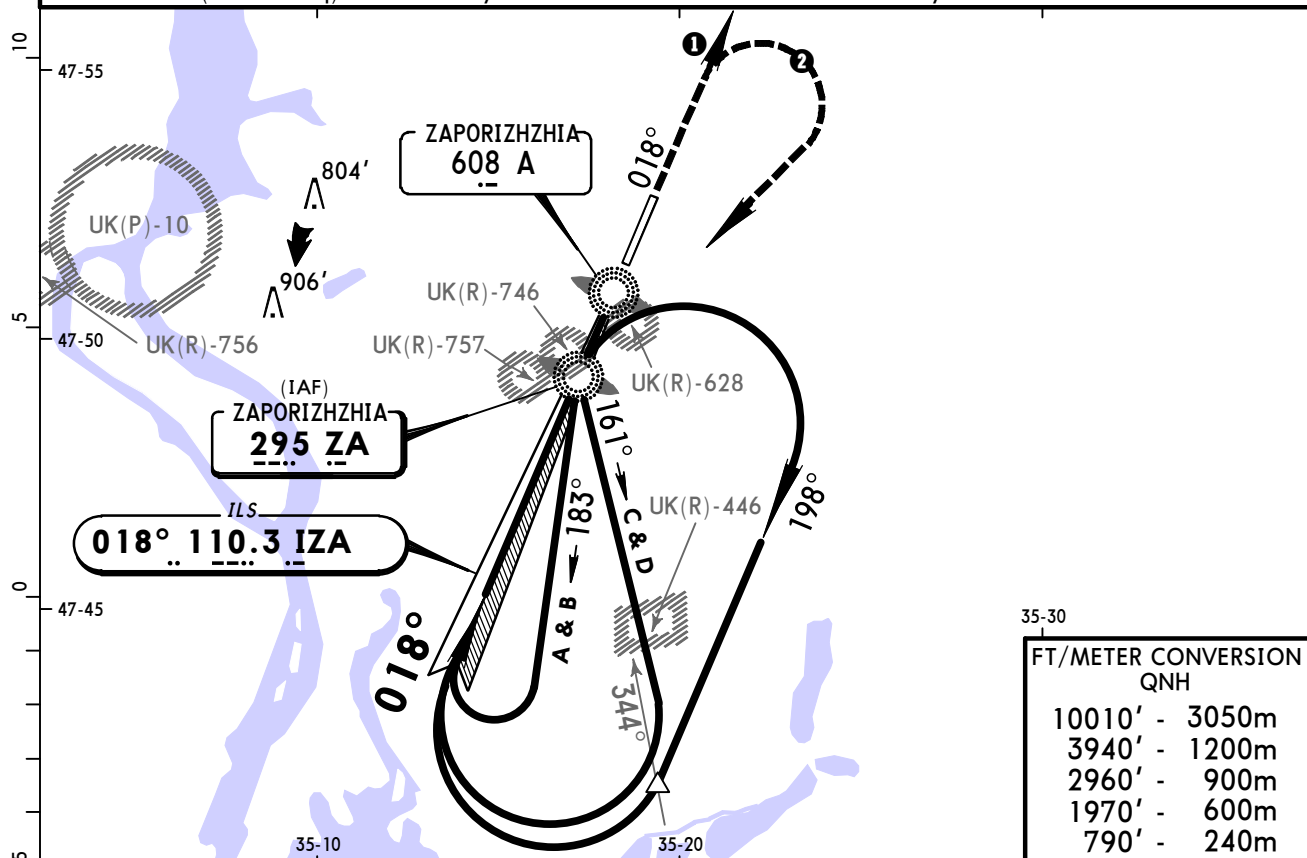
❹ Circling height based on rwy 02 thresh elev of 339'.

❺ or higher minimums of preceding straight-in approach.

TAKE-OFF RWY 02, 20

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

ZAPORIZHZHIA Approach Radar 119.2				ZAPORIZHZHIA Tower 118.2		
LOC IZA 110.3	Final Apch Crs 018°	GS LOM 1050' (711')	ILS DA(H) Refer to Minimums	Apt Elev 373' RWY 339'	2000'	
NDB ZA 295		Minimum Alt LOM 790' (451')	NDB MDA(H) (CONDITIONAL) 710' (371')			
MISSED APCH: ❶ Climb on 018° to 1970', then as directed. MISSED APCH WITH COMM FAILURE: ❷ Climb on 018° to 1970', then turn RIGHT climbing to 3940' to ZA NDB, then according to chart.						MSA ZA NDB
Alt Set: hPa (MM on req)		Rwy Elev: 12 hPa	Trans level: By ATC			
Trans alt: 10010'						

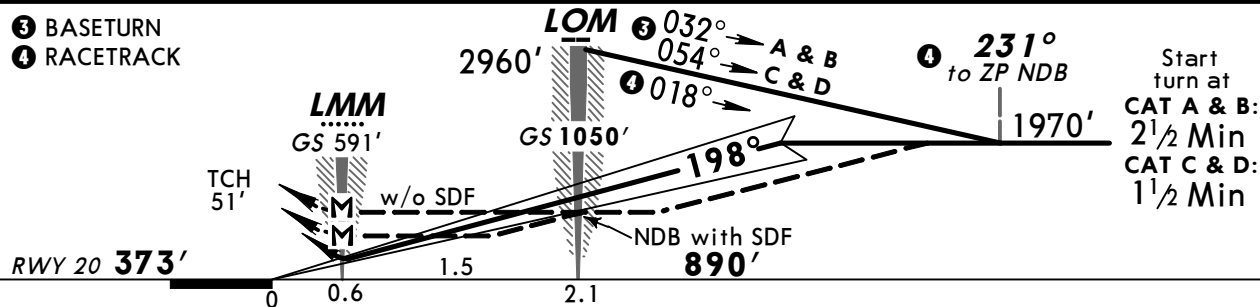
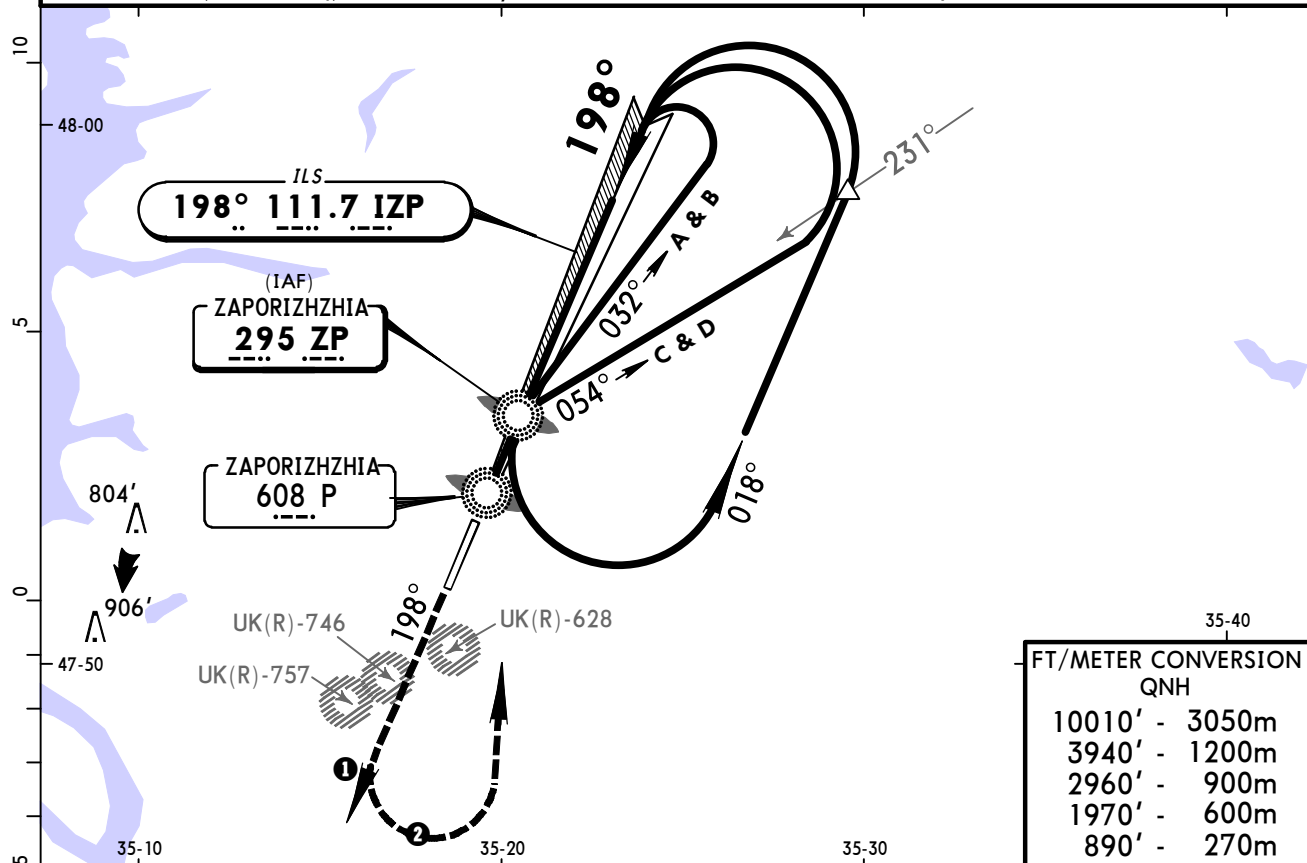


Gnd speed-Kts	70	90	100	120	140	160	ALS	1970'	on 018°
ILS GS 2.67°	331	425	472	567	661	756			
NDB Descent angle 2.69°	333	428	476	571	666	761			
MAP at LMM									

JAR-OPS ILS STRAIGHT-IN LANDING RWY 02 ①						CIRCLE-TO-LAND ②		
DA(H)		with SDF at LOM		w/o SDF				
A: 558' (219')	C: 577' (238')	MDA(H) 710' (371')		MDA(H) 790' (451')				
B: 568' (229')	D: 587' (248')							
FULL		ALS out		ALS out				
A	RVR 800m	RVR 1000m	RVR 1300m	RVR 1500m	RVR 1500m		Max Kts	MDA(H) VIS
B			RVR 1400m	RVR 1500m	RVR 1500m		100	780' (441') ③ 1500m
C			RVR 1600m	RVR 1800m	RVR 1800m	RVR 2000m	135	880' (541') 1600m
D			RVR 1800m	RVR 2000m	RVR 2000m		180	1120' (781') 2400m
							205	1140' (801') 3600m

① LOC (GS out): NOT AUTHORIZED. ② Circling height based on rwy 02 thresh elev of 339'.
 ③ After NDB apch: MDA(H) 790' (451').

ZAPORIZHZHIA Approach Radar				ZAPORIZHZHIA Tower		
119.2				118.2		
LOC IZP 111.7	Final Apch Crs 198°	GS LOM 1050' (677')	ILS DA(H) Refer to Minimums	Apt Elev 373' RWY 373'	2000'	
NDB ZP 295		Minimum Alt LOM 890' (517')	NDB MDA(H) (CONDITIONAL) 730' (357')			
MISSED APCH: ❶ Climb on 198° to 1970', then as directed. MISSED APCH WITH COMM FAILURE: ❷ Climb on 198° to 1970', then turn LEFT climbing to 3940' to ZP NDB, then according to chart.						MSA ZP NDB
Alt Set: hPa (MM on req)		Rwy Elev: 14 hPa	Trans level: By ATC			
Trans alt: 10010'						



Gnd speed-Kts	70	90	100	120	140	160
ILS GS 2.67°	331	425	472	567	661	756
NDB Descent angle 2.75°	340	438	486	584	681	778
MAP at LMM						

ALS	1970'	on 198°
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JAR-OPS			STRAIGHT-IN LANDING RWY 20					CIRCLE-TO-LAND		
ILS			with SDF at LOM		w/o SDF		NDB			
DA(H) ABC: 573'(200')			MDA(H) 730'(357')		MDA(H) 890'(517')		Max Kts			
D: 581'(208')							MDA(H) VIS			
FULL		ALS out	ALS out		ALS out					
A	RVR 800m	RVR 1000m	RVR 1300m	RVR 1500m	RVR 1500m		100	780'(407')	1500m	
B			RVR 1400m			135	880'(507')	1600m		
C			RVR 1600m	RVR 1800m	RVR 1800m	RVR 2000m	180	1120'(747')	2400m	
D			RVR 1800m	RVR 2000m	RVR 2000m		205	1140'(767')	3600m	

❶ LOC (GS out): NOT AUTHORIZED. ❷ After NDB apch: MDA(H) 890' (517').

ZAPORIZHZHIA, (MOKRAYA - UKDE)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport UKDE