



[OFP]

OFP 1 ATW0075 / ATW75 +2.00 EETN/TLL - ULLI/LED +3.00
CALC 0947Z FOR ETD 1015Z 20DEC22 OBS 2000 PROG 2009 2012 2015

VISION JET-FJ33-5A - MSN050 - N050SB - PERF FACTOR +0.0

Table with columns: EST, MAX, EETN/TLL, OUT, OFF, SLOT, CO RTE, TLLLED01. Rows include DOW, PYLD, ZFW, FUEL, TOW, TRIP, LW, ULD.

MAX SR 4.1 LI725 TKOF ALTN

REMARKS:

OFP ROUTE:

-EETN/26 F110 BIRSI1T BIRSI DCT PIMOM/F110 DCT OBANA OBANA1W
ULLI/10R
-DIST 204-

EETN ATIS: .. WX:

RWY: ... ATC CLRNC: SQUAWK:

Table with columns: TAXI, TRIP, CONT 15 MIN, ALTN, FINRES, ADDNL. Values include 54, 203, 60, 204, 34, 0.

TOTAL 555 2.47

EXTRA (L 14) TANKER 0 REASON

PLN BLK 555 2.47 FOD 0.3

FINAL BLK SHUT DOWN

TOW CORR +1000 PLN BLK +17 / -1000 PLN BLK -20
2000 BELOW TRIP +8 / TIME 0.51
4000 BELOW TRIP +13 / TIME 0.52

STAT FUEL: NO DATA AVAILABLE FOR THIS FLIGHT



I CERTIFY THAT I HAVE COMPLIED WITH THE RELEVANT SECTIONS OF THE OPERATIONS MANUAL, OM-A 8.1.2, OM-A 8.1.7 AND OM-C 12.

CAPT NAME: SIGNATURE:

PREPARED BY A. O. S. (+1 800 555 0199)

RVSM: ALT SYS LEFT: STBY: RIGHT:

CNR 238

AWY POSN	MORA FREQ	MT DIST DTG	IAS MN	FL	SAT	GS TAS WIND	ZT ETO/RTO/ATO	EET	MFR FOB
EETN/26									441
BIRSI1T TN820	23 176	21 183	200	CLB	-8	236 235 281/26	6	0.06	405
.../.../...								
BIRSI1T T O C	112	1 182	200	110	-8	260 236 282/26	1	0.07	402
.../.../...								
BIRSI1T TN821	23 113	7 175	217		-8	279 255 282/26	1	0.08	396
.../.../...								
BIRSI1T BIRSI	25 081	32 143	216		-8	277 255 289/23	7	0.15	367
.../.../...								
DCT PIMOM	25 075	52 91	216		-9	272 254 294/21	11	0.26	319
.../.../...								
DCT OBANA	22 064	24 67	215		-9	268 253 295/21	6	0.32	296
.../.../...								
OBANA1W LI731	24 037	14 53	215		-10	262 253 289/20	3	0.35	283
.../.../...								
OBANA1W LI725	26 037	27 26	215		-10	261 252 288/20	6	0.41	257
.../.../...								
OBANA1W T O D	054	2 24	214	110	-11	265 251 285/19	1	0.42	255
.../.../...								
OBANA1W DIKOM	25 055	8 16		DES	-7	233 244/13	2	0.44	251
.../.../...								



AWY POSN	MORA FREQ	MT DTG	DIST DTG	IAS MN	FL	SAT	GS WIND	TAS	ZT ETO/RTO/ATO	EET	MFR FOB
OBANA1W ULLI/10R	24	077	0	0					06	0.50	238



CNR 238

ULLI ATIS: .. RWY:

WX:

ASC	DEP	APPCH	MINIMA	WEATHER	TWC	XWC
	EETN/TLL/26	TKOF	/	400/2000	+0.0	+10.0
	DEST					
	ULLI/LED/10R	ILS	/	1300/3000	-2.0	+3.5
	DEST ALTN					
	UUEE/SVO/24L	ILS	/	2000/9999	-10.4	+6.0

	ALTN	MORA	DIST	LVL	WC	TIME	DIFF	FUEL	DIFF
C1	UUEE/SVO/24L	34	344	310	T042	1.26		204	
	SUGIN1C SUGIN	T873	NIRGI	T73	NAMIN	NAMIN3E			



CLIMB	TN821	BIRSI
-06 277/026/FL100	SR 1.9	SR 1.1
-15 291/026/FL150	N5907.4	N5906.9
-26 290/024/FL200	E02500.9	E02602.3
-54 285/034/FL310	-11 288/026/FL130	-12 293/025/FL130
-63 290/043/FL350	-08 281/026/FL110	-08 289/023/FL110
	-05 271/024/FL090	-05 285/022/FL090
	-02 258/021/FL070	-03 271/017/FL070
PIMOM	OBANA	LI731
SR 3.1	SR 3.1	SR 3.0
N5910.5	N5916.7	N5925.9
E02743.7	E02829.3	E02849.1
-12 302/024/FL130	-12 302/024/FL130	-13 300/023/FL130
-09 295/021/FL110	-09 295/021/FL110	-10 289/020/FL110
-07 274/016/FL090	-07 274/016/FL090	-08 272/015/FL090
-05 250/013/FL070	-05 250/013/FL070	-06 255/013/FL070
LI725	DESCENT	
SR 4.1	-69 302/044/FL390	
N5943.7	-64 302/042/FL350	
E02928.3	-55 306/043/FL310	
-13 299/025/FL130	-27 310/037/FL200	
-10 288/020/FL110	-10 273/017/FL100	
-09 260/015/FL090		
-06 232/014/FL070		



[ATC Flight Plan]

FF EUCHZMFP EUCBZMFP
200947 EGGWEZSB
(FPL-ATW75-IS
-SF50/L-SDGRWY/L
-EETN1015
-N0255F110 BIRSI1T BIRSI DCT PIMOM/K0469F110 DCT OBANA OBANA1W
-ULLI0050 UUEE
-PBN/D2 DOF/221220 REG/N050SB EET/ULLL0028 OPR/ATW PER/C RVR/075
RMK/TCAS)



[Airport WX List]

EETN --> ULLI ATW 75 / 20Dec2022
LIDO/WEATHER SERVICE DATE : 20Dec2022 TIME : 09:47 UTC

AIRMETs:

No Wx data available

SIGMETs:

EETT TALLINN FIR
WS SIGMET F02 VALID 200608/201000 EEMH- EETT TALLINN FIR
FCST W OF E02330 SFC/5000FT MOV E 10KT NC=
WS SIGMET F04 VALID 200652/201000 EEMH- EETT TALLINN FIR
SEV ICE (FZRA) FCST W OF E02330 SFC/5000FT MOV E 10KT
NC=

Tropical Cyclone SIGMETs:

No Wx data available

Volcanic Ash SIGMETs:

No Wx data available

DESTINATION AIRPORT:

ULLI/LED PULKOVO
SA 200930 16002MPS 110V200 CAVOK M08/M14 Q1014 R10R/510550 NOSIG
FT 200758 2009/2109 17003G08MPS 6000 SCT016
BECMG 2012/2014 3000 -SN BKN013
TEMPO 2016/2101 1000 FZRA SHSN BKN003 BKN013CB
BECMG 2101/2103 1500 -RA BR OVC003
TEMPO 2103/2109 0400 DZ FG VV002

DESTINATION ALTERNATE:

UUEE/SVO SHEREMETYEVO
SA 200930 21006MPS 180V240 CAVOK M07/M12 Q1019 R24L/420245
R24C/420245 NOSIG
FT 200758 2009/2109 23005MPS 9999 BKN020 TXM07/2009Z TNM14/2021Z
BECMG 2018/2021 17003MPS FEW004 OVC007

DEPARTURE AIRPORT:

EETN/TLL LENNART MERI
SA 200920 17010KT 4900 BR OVC005 M04/M05 Q1010 TEMPO 3000
FT 200530 2006/2106 18010KT 6000 SN BKN007 BKN015
TEMPO 2006/2012 3000 -FZRA SG BKN006
TEMPO 2012/2018 2000 FZRA BKN004
BECMG 2018/2019 1500 BR OVC003
TEMPO 2019/2024 0500 DZ FG VV002
TEMPO 2100/2106 2500 RA OVC005

AIRPORTLIST ENDED



[NOTAM]

 LIDO-NOTAM-BULLETIN INCLUDES NOTAM, COMP NOTAM AND AIP-REGULATION
VALID: 2212201015 - 2212201600 STD(EOBT)+TRIP+ALTN+3HRS
 ATW 75 /20DEC OFP-NR: 1
 ROUTE: EETN - ULLI ALTN: UUEE
 N0255F110 BIRSI1T BIRSI DCT PIMOM/K0469F110 DCT OBANA OBANA1W

=====
 DEPARTURE AIRPORT - DETAILED INFO
 =====

EETN/TLL LENNART MERI

+++++ AIRPORT +++++

A3110/22 VALID: 20-DEC-22 0913 - 20-DEC-22 1240
 CRANE AT PSN 592504.45N 0244849.07E. ELEV 295FT AMSL. UNLIGHTED.
 A3019/22
 08 10 15 0600-1459, 19-22 0700-1459
DANGER AREA EED20 MANNIKU ACT. INFO ABOUT ACT **AVBL** FROM +372 503
 4102
 F) SFC G) 1700FT AMSL

A2955/22
TWY D CLSD.

A2950/22
 CONCENTRATION OF BIRDS ON MANEUVERING AREA AND VICINITY OF **AD**.
 TYPE OF BIRDS - RAPTORS, DUCKS AND SWANS.
 BIRD WEIGHT - UP TO 9000 GRAMS.
 MAX FLOCK SIZE - 50 BIRDS.

A2951/22
 SEASONAL BIRDS ACTIVITY AT **AD**, HGT UP TO 1000 FT AGL.
 TYPES OF BIRDS - SWANS.
 MAX FLOCK SIZE - 50 BIRDS.
 BIRD WEIGHT - UP TO 9000 GRAMS.
 MAIN MOVING **DIRECTION** - S, SW, W.

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 DESTINATION AIRPORT - DETAILED INFO
 =====

ULLI/LED PULKOVO

+++++ AIRPORT +++++

S3309/22

A7275/22
 WHILE PLANNING FLT TO PULKOVO **AD**: FOR ACFT WITH **U/S** APU PPR
 REQUIRED WITH **AD** ADMINISTRATION TEL:
 8(812)3243463 AND E-MAIL OSP1(AT)PULKOVO-AIRPORT.COM.

S3300/22

S3291/22

S3286/22 VALID: 19-DEC-22 1530 - 20-DEC-22 1530



A7160/22

APRON 6: STANDS 600, 601 **CLSD**.

A6978/22

APRON 6:

WHILE STAND 604J IS OCCUPIED TAX UNDER OWN ENGINES POWER ALLOWED ONLY FOR ACFT WITH WINGSPAN UP TO 32 M.

A6977/22

APN 7:

ACFT STANDS 701,703,708,709,711 **AVBL** FOR ACFT WITH DIMENSIONS: LENGTH 44.5M, WINGSPAN 36.0M.

ACFT STANDS 704,705,706,707 **AVBL** FOR ACFT WITH DIMENSIONS: LENGTH 36.0M, WINGSPAN 29.7M.

ACFT STAND 700 **AVBL** FOR ACFT WITH DIMENSIONS: LENGTH 76.25M, WINGSPAN 73.3M, WHEN ACFT STANDS 701,702,703,704 ARE VACANT.

ACFT STAND 702 **AVBL** FOR ACFT WITH DIMENSIONS: LENGTH 74.0M, WINGSPAN 61.0M, WHEN ACFT STANDS 700,701,703 ARE VACANT.

ACFT STAND 710 **AVBL** FOR ACFT WITH DIMENSIONS: LENGTH 74.0M, WINGSPAN 65.0M, WHEN ACFT STANDS 709,711 ARE VACANT.

ACFT WITH LENGTH 74.0M AND WINGSPAN 65.0M MAY BE POSITIONED ON ACFT STAND 704, WHEN ACFT STANDS 700,703,705 ARE VACANT.

ACFT WITH LENGTH 74.0M AND WINGSPAN 65.0M MAY BE POSITIONED ON ACFT STAND 706, WHEN ACFT STANDS 705,707 ARE VACANT.

ACFT WITH LENGTH 74.0M AND WINGSPAN 65.0M MAY BE POSITIONED ON ACFT STAND 708, WHEN ACFT STANDS 707,709 ARE VACANT.

ACFT CAN BE POSITIONED UNDER ENGINE OWN POWER ONLY WITH FOLLOW-ME CAR OR BY TOWING UNDER CONTROL OF PERSONNEL.

A6975/22

APN 6: THROUGH TAX UNDER OWN ENG PWR PERMITTED ALONG APN TAX RTE FOR ACFT WITH WING SPAN NOT MORE THAN 32.0M.

TAX UNDER OWN ENG PWR PERMITTED FOR ACFT WITH WING SPAN FROM 32.0M TO 36.0M ON TAX RTE SEGMENT ABEAM STANDS 601, 602B, 602D, 604B, 604D UNDER FLW COND:

- STANDS VACANT OR ACFT WITH LEN NOT MORE THAN 36.5M PARKED ON FACING NORTH,

- STAND 604F VACANT OR ACFT WITH WING SPAN NOT MORE THAN 33.0M PARKED ON,

- STANDS 605A, 605D, 606D, 607D, 608D, 609D, 610D, 611D VACANT OR ACFT WITH LEN NOT MORE THAN 31.5M PARKED ON FACING SOUTH,

- STAND 605C VACANT OR ACFT WITH LEN NOT MORE THAN 34.0M PARKED ON.

A6974/22

APN 1: STAND 101C **AVBL** FOR PRKG OF ACFT WITH FLW DIMENSIONS: MAX LENGHT 46.0M, MAX WING SPAN 36.0M.

TAX INTO STAND UNDER OWN ENG PWR VIA VACANT STAND 101A WITH FOLLOW-ME CAR ASSISTANCE.

TAX OUT UNDER OWN ENG PWR VIA VACANT STAND 101B WITH FOLLOW-ME CAR ASSISTANCE.

A6862/22

APN 4 ACFT STAND 424: PARKING AND TAX OUT OF ACFT CARRIED OUT BY TOWING TRACTOR.

A6825/22

CONST CRANES INSTALLED WI AREA RADIUS 300M CENTRE 594821N0302126E, AZM 83.5 DEG, DIST 5367M FROM ARP, MAX ELEV 90M AMSL, CRANES INFRINGE INNER HORIZONTAL SURFACE BY 22M.

A6757/22

APN 5 **CLSD**.

G0250/22

UNRELIABLE GNSS SIGNAL POSS AT DIST UP TO 60KM FROM ARP. EXPECT RADAR VECTORING IN CASE OF INTERFERENCE.



A6422/22
CONST CRANES ERECTED WI RADIUS 150M CENTRED N594736 E0301008,
AZM 261.8 DEG, DIST 5295M FROM ARP, MAX ALT 109M,
CRANES PENETRATE INNER HORIZONTAL SURFACE BY 35M.

A6210/22
ANY SERVICING OF ACFT DRG NIGHT TIME ON FLW STANDS PROHIBITED:
APRON 3: STANDS 380-389A,
APRON 4: STANDS 412-424.

A6197/22
APRON 6: ACFT TAX INTO STAND 604J ALLOWED FOR TU-204/214 ACFT WITH
FLW DIMENTIONS: LENTH 47.0M MAX, WINGSPAN 42.0M (MHZ). TAXIING
FACING NE SHALL BE CARRIED OUT BY OWN ENGINES POWER
WHEN ACFT STANDS 604B, 604C, 604D, 604E, 604F VACANT AND
AFTER FOLLOW-ME CAR, TAXIING OUR SHALL BE CARRIED OUT BY TOWING.
TAXIING FACING SW SHALL BY CARRIED OUT BY TOWING WHEN ACFT STANDS
604B, 604C, 604D, 604E, 604F VACANT, TAX OUT IS TO BE PERFORMED
UNDER OWN ENGINES POWO WHEN ACFT STAND 604A VACANT AND AFTER
FOLLOW-ME CAR.

A6199/22
CONSTRUCTION CRANES ESTABLISHED WI AREA RADIUS 400M CENTRE 594552N
0301902E AZM 142DEG DISTANCE 5153M FROM ARP, MAX ALT 88.96M,
PENETRATE INNER HORIZONTAL SURFACE BY 15M.

A6152/22
APN 3: TAXIING INTO/OUT OF STANDS 390, 391, 393, 394, 395 IS UNDER
TOW ONLY VIA VACANT STAND 313 UNDER GUIDANCE OF PERSONNELE.

+++++ RUNWAY +++++

A7277/22 VALID: 20-DEC-22 0730 - 20-DEC-22 1100
RWY 10L/28R CLSD FOR ACFT TKOF AND LDG.

A6362/22
ONLY ONE **RWY**: 10R/28L OR 10L/28R
AVBL DAILY 1700-0500 FOR TKOF AND LDG.

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DESTINATION ALTERNATE AIRPORT(S)
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UUEE/SVO SHEREMETYEVO

+++++ AIRPORT +++++

S3307/22

S3308/22

K9354/22
17-22 0000-0900
AIRSPACE **CLSD** AS FLW:
1. AREA: 600259N1111959E-604325N1111953E-610022N1120215E-
610003N1122139E-603321N1120348E-602248N1122039E-
595542N1114705E-600259N1111959E
600M AMSL-1000M AMSL.
2. WI CIRCLE RADIUS 0.5KM CENTRE 605113N1120629E
SFC-1000M AMSL.
F) SFC G) 1000M AMSL



U1556/22

WEF 01 JAN 2023, AERODROME CHARGES ESTABLISHED AS FLW:

1. TKOF AND LDG CHARGES (INCLUDING INVESTMENT COMPONENT) - 15.83 USD PER 1 TON MTOM,
 - 1.1. INCLUDING INVESTMENT COMPONENT - 5.55 USD PER 1 TON MTOM.
 2. CHARGE FOR ENSURING AVIATION SECURITY (INSPECTION AND ACCESS CONTROL NOT PROVIDED) - 1.29 USD PER 1 TON MTOM.
 3. CHARGE FOR USING TERMINAL BUILDING:
 - 3.1. TERMINAL B - 18.35 USD PER 1 PASSENGER,
 - 3.2. TERMINAL C - 18.35 USD PER 1 PASSENGER,
 - 3.3. TERMINAL D - 18.35 USD PER 1 PASSENGER,
 - 3.4. TERMINAL E - 10.78 USD PER 1 PASSENGER,
 - 3.5. TERMINAL F - 10.78 USD PER 1 PASSENGER.
 4. PARKING CHARGE (PARKING FOR MORE THAN 3 HOURS AFTER LDG) : 4.1.
 - 4.1. FROM 0600 TO 2200 - 1.00 PER CENT OF TKOF AND LDG CHARGE (EXCLUDING INVESTMENT COMPONENT) PER 1 HOUR,
 - 4.2. FROM 2200 TO 0600 - 1.5 PER CENT OF TKOF AND LDG CHARGE (EXCLUDING INVESTMENT COMPONENT) PER 1 HOUR.
- REF AIP RUSSIA GEN 4.1-9.

U1554/22

WEF 01.01.2023, AERODROME CHARGES OF JSC ,,SHEREMETYEVO SECURITY,, ESTABLISHED AS FLW:

- CHARGES FOR ENSURING AVIATION SECURITY (FULL LIST OF SERVICES) - 11.83 USD PER 1 TON MTOM,
 - CHARGES FOR ENSURING AVIATION SECURITY (LIMITED LIST OF SERVICES, INSPECTION OF PASSENGERS AND HAND LUGGAGE, INSPECTION OF CHECK-IN LUGGAGE, LUGGAGE TAGGING NOT PROVIDED) - NOT APPLICABLE.
 - CHARGES FOR ENSURING AVIATION SECURITY (FOR CARGO ACFT, FOR PASSENGER ACFT IN CASE OF LANDING AT ALTERNATE AERODROME OR PROVIDED THAT AIRCRAFT PAYLOAD REMAINS UNCHANGED) - 6.54 USD PER 1 TON MTOM.
- REF AIP RUSSIA GEN 4.1-9.

A6543/22

REF AIP RUSSIA PAGE **AD** 2.1 UUEE-40, 40.1, 54.1
TERMINAL C APRON:

ACFT STANDS COMMISSIONED (PZ-90.11):

C01E 55 58 36.16N 037 24 27.32E,
C01W 55 58 35.76N 037 24 24.73E,
C02E 55 58 37.60N 037 24 26.62E,
C02W 55 58 37.22N 037 24 24.03E,
C03E 55 58 39.05N 037 24 25.93E,
C03W 55 58 38.68N 037 24 23.34E.

STANDS **AVBL** FOR AFT WITH WINGSPAN UP TO 36M AND LENGTH UP TO 44.6M.

TAX ONTO/OUT OF STAND UNDER OWN ENGINE PWR.

A6526/22

TERMINAL B APRON: PARKING OF EMB190, EMB195 TYPE ACFT ONTO PARKING POINT A OF STANDS 120, 117 CARRIED OUT BY MARSHALL INSTRUCTION.

A6448/22

REF AIP RUSSIA PAGE. **AD** 2.1 UUEE-44APRON OF TERMINAL A: EAST OF STAND AA, BETWEEN STAND 85C AND 85D
STAND **AD** PUT INTO OPERATION FOR PARKING OF ACFT WITH WINGSPAN 36M AND BELOW AND WITH LENGTH 37.6M AND BELOW

A6442/22

ENGINES STARTUP AREAS ON TAX RTE L4:

- STARTUP AREA H3: BTN TAX RTE C3 AND C5.
- STARTUP AREA H4: BTN TAX RTE C5 AND C7.

A6443/22

REF AIP RUSSIA **AD** 2.1 UUEE-10.2 (AD 2.18 ATS COMMUNICATION FACILITIES): IN COLUMN SHEREMETYEVO-GROUND 1 FREQ 119.000 AMEND
,,MAIN **TWY** 1, **TWY** B,, TO READ: ,,TWY B,,.

A6226/22

REF AIP RUSSIA PAGE **AD** 2.1 UUEE-11,
APRONS OF TERMINALS B, C, A:
DRG DE-ICING TREATMENT ACFT WITH RUNNING ENGINES SHALL USE FLW
FRQ: - 118.900 MHZ ON DE-ICING AREAS 4, E10, H1.
- 118.500 MHZ ON DE-ICING AREAS STAND 105A, STAND 107A.
- 118.400 MHZ ON DE-ICING AREAS M1, A2.
APRONS OF TERMINALS D, E, F, CARGO AREA, DE-ICING AREA-1:
- 118.200 MHZ ON DE-ICING AREAS W, B2, S8, STAND 73,
DE-ICING AREA-1, S1.

A5839/22

GND MOVEMENT CTL ON APN:
- TERMINALS A, B, C (ACFT STAND 141 AND EASTWARD) PROVIDED BY
,,SHEREMETYEVO-APRON 3,, ON FREQ 130.350 MHZ,
- TERMINALS C (ACFT STAND 142 AND WESTWARD), D, E, F,
CARGO AREA OF TERMINAL PROVIDED BY ,,SHEREMETYEVO-APRON 4,,
ON FREQ 134.550 MHZ.

A5838/22

TWY S4, S8, S9, S10 **CLSD** FOR ACFT TAX.

A5837/22

MINIMUM SAFE FLT ALT/HGT IN VICINITY OF **AD** (MSAAT/MSHAT)
ESTABLISHED: 3900FT/(1000)M INSTEAD OF PUBLISHED.
REF AIP RUSSIA PAGES **AD** 2.1. UUEE-097, 098, 099, 100, 101, 102,
103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115,
116, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148,
149, 150, 151, 152, 153, 154, 161, 162, 163, 164, 165, 166, 167,
168, 169, 170, 171, 172.

A5711/22

TWY EDGE LGT AND CL LGT ON **TWY** B SEGMENT BTN **TWY** B1 AND B7, **TWY**
N1, N2, N3, N5, N6, N7, N8, N9, N11 **U/S**.
FOLLOW-ME GUIDANCE COMPULSORY FOR TAX VIA **TWY** B BTN **TWY** B1 AND **TWY**
B7, **TWY** N1, N2, N3, N5, N6, N7, N8, N9, N11 DRG APPARENT DAY HR
WHEN VIS 2000M OR LESS AND DRG HR OF DARKNESS.

A5637/22

AD NOT AVBL AS ALTN EXC ACFT OF AIRLINES WITH GENERAL AGREEMENT ON
PROVIDING OF **AD** SERVICES, ACFT CARRYING OUT FLT TO/FROM
MOSCOW/SHEREMETYEVO **AD**, INTL FLT, VIP FLT, MEDICAL AND SAR FLT,
EMERG FLT.

A3159/22

DVORDME MR CHANGE TO READ FREQ 114.350MHZ, CH 90Y INSTEAD OF
PUBLISHED DATA.
REF AIP RUSSIA BOOK 1 **AD** 2.1 UUEE 10.3, 55, 57, 97, 98, 99, 100,
101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113,
114, 115, 116, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146,
147, 148, 149, 150, 151, 152, 153, 154, 201, 202, 203, 204.

A0373/22

APN OF TERMINAL F:
ACFT STANDS 46,47,48, 48A, 49, 50, 51, 52, 53, 53A, 54, 55, 56,
57, 57A, 58, 59, 60: VISUAL DOCKING GUIDANCE SYSTEM (VDGS) **U/S**.
TAXIING OF ACFT ON STANDS CARRIED OUT FOLLOW - ME CAR OR UNDER
CONTROL OF TECHNICAL PERSONNEL.

+++++ RUNWAY +++++

A6960/22

RWY 06L/24R CLSD FOR ARR/DEP.
RWY 06L/24R INSTRUMENT APPROACH CHARTS NOT AVBL.



+++++ APPROACH PROCEDURES +++++

A6882/22

AIP RUSSIA PAGE AD 2.1 UUEE-203,205
VAC RWY 06C, RWY 06R:
COORD (PZ-90.11) OF POINTS ON VISUAL APPROACH CHARTS ESTABLISHED
T3 555940.00N 0372610.00E,
T4 555853.00N 0372040.00E.

A6444/22

REF AIP RUSSIA PAGE AD 2.1 UUEE-10.4, 101.
RWY 06R GP: RDH TO READ 16.8M/55FT INSTEAD OF 17.5M/57FT.

A6445/22

REF AIP RUSSIA PAGE AD 2.1 UUEE-10.4
NEW NAVAID PUT INTO OPERATION:
DME 06R, CS INL, FREQ 109.1 MHZ, CH 28X, COORD 555759.6N
0372331.7E (PZ-90.11), OPR HR H24, ELEV 180M/600FT, ZERO
INDICATION AT THR.

A3797/22

REF AIP RUSSIA PAGE AD 2.1 UUEE-10.4 TABLE AD 2.19
RADIO NAVIGATION AND LANDING AIDS:
LOC 06R COORD: READ 555837.5N 0372711.2E INSTEAD OF PUBLISHED.

A3302/22

REF AIP PAGE AD 2.1 UUEE-10.4, 102.
RWY 24L ILS: TO READ RDH 17.4M/57FT INSTEAD OF RDH 15.3M/50FT.

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EXTENDED AREA AROUND DEPARTURE
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EETT TALLINN FIR

A3071/22

20 0600-22 1459, 26 0600-30 1459
DANGER AREA EED17 SIRGALA 2 ACT.
CHANGED VERTICAL LIMITS DURING ACTIVATION.
INFO ABOUT ACT AVBL FROM +372 5302 7449.
F) SFC G) 5000FT AMSL

A3082/22

19 20 0800-1100, 24 0900-1200
LOW-LEVEL FLYING AREA S ACT.
INFORMATION ABOUT ACT AVBL FROM TEL:
+372 717 3701.
F) 500FT AGL G) 2000FT AGL

A3083/22

19 20 0800-1100, 24 0900-1200
LOW-LEVEL FLYING AREA C ACT.
INFORMATION ABOUT ACT AVBL FROM TEL:
+372 717 3701.
F) 500FT AGL G) 2000FT AGL

A3099/22

DAILY 0800-1500
TEMPORARY SEGREGATED AREA EETSA21 NURMSI ACT FOR UNMANNED AIRCRAFT
ACTIVITY.
CHANGED VERTICAL LIMITS DURING ACTIVATION.
PERMISSION FOR ENTERING THE AREA SHALL BE OBTAINED FROM AEROAGRO
OU FROM PRIMARY TEL +372 5661 9651 OR SECONDARY TEL +372 5192
3327. F) GND G) FL055



A3068/22 VALID: 19-DEC-22 0600 - 20-DEC-22 1459
19 20 0600-1459

DANGER AREA EED4 NURSIPALU 2 ACT. CHANGED VERTICAL LIMITS DURING ACTIVATION.

F) SFC G) 2300FT AMSL

A3066/22

ALL BELARUSIAN AIR CARRIERS WHETHER THEY ARE ACTUAL OR MARKETING CARRIERS ARE PROHIBITED TO LAND, TAKE OFF FROM OR OVERFLY TERRITORY WITHIN TALLINN FIR ACCORDING TO COUNCIL OF THE EUROPEAN UNION DECISION ON 4TH OF JUNE 2021.

A2965/22

RESTRICTED AREA EER15F ACT.

CHANGED VERTICAL LIMITS DURING ACT.

NON-PARTICIPATING AIRCRAFT (INCLUDING UA) ARE NOT PERMITTED TO ENTER INTO **ACTIVATED** AREA. PERMISSION FOR ENTERING THE AREA AND INFO ABOUT ACT **AVBL** FROM: +372 5192 1588.

F) SFC G) 3000FT AMSL

A2912/22

01 0600-1759, 05 0600-09 1459, 12 0600-17 1459, 19 0700-22 1459

DANGER AREA EED14 TAPA 2 ACT.

INFO ABOUT ACT **AVBL** FROM +372 5326 4560.

F) SFC G) 14700FT AMSL

A2916/22

DAILY 0600-2000

DANGER AREA EED26 VIRU ACT.

F) SFC G) 1700FT AMSL

A2954/22

01 04 07 0600-1800, 08 0600-1500, 10 11 14 15 17 18 21 22 26 27 ,
28 0600-1800

DANGER AREA EED10 UTSALI **ACTIVATED**.

F) SFC G) 2200FT AMSL

A2909/22

DAILY 0500-1900

DANGER AREA EED13 TAPA1 ACT.

F) SFC G) 2400FT AMSL

A2927/22

ALL AIRCRAFT OWNED, CHARTERED OR OPERATED BY CITIZENS OF THE RUSSIAN

FEDERATION, OPERATORS HOLDING AIR OPERATOR CERTIFICATE (AOC) ISSUED BY THE RUSSIAN FEDERATION AUTHORITIES ARE PROHIBITED TO ENTER, EXIT OR OVERFLY ESTONIAN AIRSPACE EXCEPT HUMANITARIAN FLIGHTS AND SAR FLIGHTS WITH THE PERMISSION OF THE ESTONIAN TRANSPORT ADMINISTRATION AND IN CASE OF EMERGENCY LANDING OR EMERGENCY OVERFLIGHT.

A2907/22

ESTONIAN AIR CARRIERS AND CAPTAINS OF ACFT IN CHARGE OF AIR SERVICE MANAGED BY CARRIERS HOLDERS OF OPERATING LICENCE ISSUED BY ESTONIA, WHETHER THEY ARE CONTRACTUAL CARRIERS AND/OR DE FACTO CARRIERS, OR PERFORMING AIR SERVICE WITH COMMERCIAL CHARTER AGREEMENT OR WITH CODE SHARING AND TO ALL FLIGHT PERFORMED WITH ESTONIAN ACFT REGISTRATION, ARE REQUESTED TO AVOID MINSK FIR (UMMV). FOREIGN AIR CARRIERS INBOUND EU ARE RECOMMENDED TO AVOID BELARUS MINSK FIR(UMMV). FOR MORE INFORMATION EASA SAFETY DIRECTIVE SD2021-02.



A2800/22

MILITARY INVASION OF UKRAINE BY RUSSIAN FEDERATION.
 ESTONIAN AIR OPERATORS AND OWNERS OF AIRCRAFT REGISTERED IN
 ESTONIA SHALL NOT ENTER UIR KYIV (UKBU), FIR LVIV (UKLV), FIR KYIV
 (UKBV), FIR DNIPROPETROVSK (UKDV), FIR SIMFEROPOL (UKFV), FIR ODESA
 (UKOV), FIR ROSTOV (URRV).
 SAID OPERATORS AND AIRCRAFT OWNERS SHALL ALSO AVOID FLIGHT
 OPERATIONS WITHIN THE BUFFER ZONE EXTENDING OUT TO 200NM ALONG THE
 UKRAINE/RUSSIA BORDER.
 OPERATIONS WITHIN THE FIR CHISINAU (LUUU) AIRSPACE SHALL ONLY BE
 UNDERTAKEN IN COMPLIANCE WITH APPLICABLE AERONAUTICAL PUBLICATIONS
 ISSUED BY REPUBLIC OF MOLDOVA.
 ADDITIONAL RISK ASSESSMENT AND FLIGHT PLANNING DECISIONS SHALL BE
 TAKEN BEFORE OPERATING IN THE FOLLOWING AIRSPACE: MOSCOW (UUWV).

A2675/22

VOHMA **DME** VI CH96X COMPLETELY **WITHDRAWN**.
 REF ESTONIAN AIP PART GEN 2.5, ENR 4.1, ENR 6 ENR ENRC.

=====
 EXTENDED AREA AROUND DESTINATION
 =====

ULLL ST PETERSBURG FIR

X2576/22 VALID: 20-DEC-22 1400 - 20-DEC-22 2359
 RESTRICTED AREA ACT: ULR103.
 F) GND G) FL050

X2577/22 VALID: 20-DEC-22 1400 - 20-DEC-22 2359
 RESTRICTED AREA ACT: ULR104.
 F) FL060 G) FL060

X2538/22
 20-25 0900-2300
 AIRSPACE **CLSD** AS FLW:
 1. AREA: 610446N0304512E-610617N0303850E-610652N0302947E-
 610415N0300817E-604938N0302540E-604928N0302952E-
 610446N0304512E
 100M AMSL-1500M AMSL.
 2. WI CIRCLE RADIUS 2KM CENTRE 604937N0302746E
 SFC-1500M AMSL.
 F) SFC G) 1500M AMSL

X2496/22
 20-23 0730-1100
 ATS RTE KR838 SEGMENT ELKIP-LUNOK **CLSD**.
 F) 300M AMSL G) 300M AMSL

X2502/22
 20-25 0700-1400
 AIRSPACE **CLSD** AS FLW:
 1. AREA: 601100N0304900E-600800N0310900E-595200N0310300E-
 595400N0305000E-595700N0304600E-600050N0304939E-
 600200N0305000E-600300N0304700E-600119N0304435E-
 600300N0303900E-601100N0304900E
 200M AMSL-280M AMSL.
 2. WI CIRCLE RADIUS 0.5KM CENTRE 600500N0305418E
 SFC-280M AMSL.
 F) SFC G) 280M AMSL

X2581/22 VALID: 20-DEC-22 0700 - 20-DEC-22 1100
 AIRSPACE **CLSD** WI CIRCLE RADIUS 1KM CENTRE 614405N0304537E.
 F) SFC G) 110M AMSL



X2578/22
RESTRICTED AREA ACT: ULR100.
F) FL060 G) FL410

X2499/22
20-25 0600-1700
AIRSPACE **CLSD** AS FLW:
1. AREA: 595948N0303605E-595822N0303858E-595846N0304238E-
595738N0304630E-595658N0304551E-595426N0304830E-
594714N0304645E-594636N0304510E-595627N0304551E-
595756N0304217E-595720N0303820E-595914N0303455E-
595948N0303605E
200M AMSL-280M AMSL.
2. WI CIRCLE RADIUS 0.4KM CENTRE 595300N0304600E
SFC-280M AMSL.
F) SFC G) 280M AMSL

X2500/22
20-25 0600-1700
AIRSPACE **CLSD** AS FLW:
1. AREA: 601534N0305056E-601657N0305227E-601237N0305452E-
601020N0305423E-601045N0305146E-601534N0305056E
200M AMSL-270M AMSL.
2. WI CIRCLE RADIUS 0.5KM CENTRE 601200N0305400E
SFC-270M AMSL.
F) SFC G) 270M AMSL

X1774/22
19-23 1100-1700
AIRSPACE **CLSD** WI AREA:
680032N0332255E-680118N0332205E-680209N0332445E-680128N0332609E.
F) GND G) 1300M AMSL

X1647/22
19-23 26 0900-1400
AIRSPACE **CLSD** WI CIRCLE RADIUS 1.5KM CENTRE 685630N0333131E.
F) SFC G) FL100

X2431/22
19-23 0800-1600
AIRSPACE **CLSD** AS FLW:
1. AREA: 592538N0293947E-592605N0294448E-592216N0294739E-
591923N0294814E-591921N0293517E-592218N0293712E-
592538N0293947E
300M AMSL-800M AMSL.
2. AREA: 591920N0293517E-585404N0293546E-585401N0295036E-
591923N0294814E-591920N0293517E
650M AMSL-800M AMSL.
3. WI CIRCLE RADIUS 2KM CENTRE 592442N0294300E
SFC-800M AMSL.
F) SFC G) 800M AMSL

X2435/22
19 0710-1000 1600-2000, 20 0400-2000, 21 0400-1000 1220-2000
AIRSPACE **CLSD** AS FLW:
1. AREA: 661500N0570400E-662400N0571300E-662600N0571700E-
662000N0573000E-661500N0572600E-660700N0573500E-
660600N0572000E-661500N0570400E
450M AMSL-500M AMSL.
2. WI CIRCLE RADIUS 0.5KM CENTRE 661500N0570600E
SFC-500M AMSL.
3. WI CIRCLE RADIUS 0.5KM CENTRE 660800N0571800E
SFC-500M AMSL.
F) SFC G) 500M AMSL



X2436/22

19 0710-1000 1600-2000, 20 0400-2000, 21 0400-1000 1220-2000

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 0.5KM CENTRE 660000N0580555E

SFC-500M AMSL.

2. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

660000N0580500E-655800N0580700E-655400N0580200E-655200N0580600E-
655200N0581200E-655000N0581400E-655200N0581200E-655200N0580600E-
655400N0580200E-655800N0580700E-660000N0580500E-660100N0580200E-
660100N0575700E-660500N0574800E-660300N0573600E-660400N0573700E-
660300N0573600E-660500N0572600E-660300N0573600E-660400N0573700E-
660300N0573600E-660500N0574800E-660100N0575700E-660100N0580200E-
660000N0580500E.

450M AMSL-500M AMSL.

F) SFC G) 500M AMSL

X2438/22

19 0710-1000 1600-2000, 20 0400-2000, 21 0400-1000 1220-2000

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 0.5KM CENTRE 662500N0563600E

SFC-500M AMSL.

2. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

662000N0570600E-662100N0570300E-662300N0570300E-662500N0565400E-
662500N0563600E-662400N0562200E-662500N0563600E-662200N0563700E-
662100N0563300E-660700N0565100E.

450M AMSL-500M AMSL.

F) SFC G) 500M AMSL

X2432/22

19-23 0700-2000

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 9.5KM CENTRE 595007N0312849E

350M AMSL-900M AMSL.

2. WI CIRCLE RADIUS 3KM CENTRE 595007N0312849E

SFC-350M AMSL.

3. WI CIRCLE RADIUS 3KM CENTRE 594717N0314959E

150M AMSL-900M AMSL.

4. WI 1KM EITHER SIDE OF LINE JOINING POINTS:

595007N0312849E-594717N0314959E.

650M AMSL-900M AMSL.

5. WI 1KM EITHER SIDE OF LINE JOINING POINTS:

594717N0314959E-594400N0321800E.

650M AMSL-900M AMSL.

6. WI 1KM EITHER SIDE OF LINE JOINING POINTS:

594400N0321800E-593300N0333800E.

650M AMSL-1100M AMSL.

F) SFC G) 1100M AMSL

X2439/22

19-23 0700-2300

ATS RTE **CLSD** WI SEGMENT:

L255 KERIS-LEDBA FL055-FL180

L256 OBIBA-LEDBA FL055-FL180

M856 UMKAN-ORSUR FL055-FL085

P989 ORSUR-KERIS FL055-FL085

P989 KERIS-OBIBA FL055-FL180

P989 OBIBA-ASNAS FL115-FL180

P997 RAMEP-AKUGI FL055-FL180

T635 RIPUT-AKUGI FL055-FL180.

F) FL055 G) FL180



X2465/22

19-23 0700-2300

AIRSPACE **CLSD** AS FLW:1. WI CIRCLE RADIUS 2.5KM CENTRE 595100N0314200E
SFC-900M AMSL.2. WI CIRCLE RADIUS 2.5KM CENTRE 595108N0314707E
SFC-900M AMSL.

3. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

595100N0314200E-595200N0321600E.

900M AMSL-1500M AMSL.

4. WI CIRCLE RADIUS 2.5KM CENTRE 595200N0321600E
SFC-1500M AMSL.

5. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

595200N0321600E-595200N0325400E.

6. WI CIRCLE RADIUS 2.5KM CENTRE 595200N0325400E
SFC-1500M AMSL.7. WI CIRCLE RADIUS 2.5KM CENTRE 595100N0340100E
SFC-1500M AMSL.8. WI CIRCLE RADIUS 2.5KM CENTRE 595000N0350600E
SFC-1500M AMSL.

F) SFC G) 1500M AMSL

X2478/22

19-24 0700-2300

AIRSPACE **CLSD** AS FLW:1. AREA: 595010N0320245E-595700N0321253E-595947N0320729E-
595601N0315605E-595010N0320245E

SFC-890M AMSL.

2. AREA: 600158N0314803E-600259N0315954E-595950N0320729E-
595600N0315602E-600158N0314803E

SFC-250M AMSL.

3. AREA: 600158N0314803E-600259N0315954E-595950N0320729E-
595600N0315602E-600158N0314803E

650M AMSL-890M AMSL.

F) SFC G) 890M AMSL

X2482/22

19-24 0700-1300

AIRSPACE **CLSD** WI CIRCLE RADIUS 3KM CENTRE 592828N0295957E.

F) SFC G) 900M AMSL

X2483/22

19-24 0700-1500

AIRSPACE **CLSD** AS FLW:1. AREA: 582123N0331647E-582501N0330855E-582557N0331032E-
582405N0331439E-582145N0331752E-582123N0331647E

290M AMSL-350M AMSL.

2. WI CIRCLE RADIUS 0.3KM CENTRE 582321N0331417E

SFC-320M AMSL.

F) SFC G) 350M AMSL

X2501/22

19-24 0700-1400

AIRSPACE **CLSD** WI CIRCLE RADIUS 1KM CENTRE 600629N0302720E.

F) SFC G) 200M AMSL

X2505/22

19-24 0700-1700

AIRSPACE **CLSD** WI CIRCLE RADIUS 2KM CENTRE 595155N0305245E.

F) SFC G) 280M AMSL

X2506/22

19-24 0700-1700

AIRSPACE **CLSD** WI CIRCLE RADIUS 3.5KM CENTRE 600118N0321945E.

F) SFC G) 850M AMSL



X2508/22

19-23 0700-1400

AIRSPACE **CLSD** AS FLW:

1. AREA: 600243N0304658E-600147N0304944E-595939N0304818E-600059N0304426E-600243N0304658E

200M AMSL-280M AMSL.

2. WI CIRCLE RADIUS 0.3KM CENTRE 600138N0304740E

SFC-280M AMSL.

F) SFC G) 280M AMSL

X2514/22

19-23 0700-1600

AIRSPACE **CLSD** WI CIRCLE RADIUS 1.5KM CENTRE 595247N0304319E.

F) SFC G) 190M AMSL

X2417/22

19-24 0600-2100

AIRSPACE **CLSD** AS FLW:

1. AREA: 643100N0550300E-642600N0551700E-634400N0545800E-634200N0544500E-640500N0545100E-641500N0542800E-643100N0550300E

350M AMSL-550M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 641500N0544600E

SFC-550M AMSL.

F) SFC G) 550M AMSL

X2418/22

19-24 0600-2100

AIRSPACE **CLSD** AS FLW:

1. AREA: 634100N0544100E-635000N0555400E-635900N0554200E-641700N0553500E-641600N0555300E-631100N0563900E-631000N0560500E-633300N0552100E-633500N0550500E-631700N0551300E-631700N0550200E-633700N0545000E-634100N0544100E.

350M AMSL-550M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 634100N0544800E.

SFC-550M AMSL.

3. WI CIRCLE RADIUS 0.5KM CENTRE 631200N0560600E.

SFC-550M AMSL.

4. WI CIRCLE RADIUS 0.5KM CENTRE 633900N0561300E.

SFC-550M AMSL.

F) SFC G) 550M AMSL

X2430/22

19-23 0600-1200

AIRSPACE **CLSD** WI CIRCLE RADIUS 4KM CENTRE 673100N0642100E.

F) SFC G) 350M AMSL



X2446/22

19-24 0600-1700

AIRSPACE **CLSD** AS FLW:1. WI CIRCLE RADIUS 0.5KM CENTRE 591900N0311600E
SFC-550M AMSL.

2. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

585200N0315200E-585200N0315800E-585100N0320200E-585400N0320500E-
585100N0320200E-585000N0320800E-585100N0321100E.
150M AMSL-200M AMSL.

3. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

592800N0310000E-592600N0310400E-592200N0311000E-
591900N0311100E-591900N0311600E-591800N0311900E.
150M AMSL-550M AMSL.

4. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

591800N0311900E-590800N0313700E-590600N0313600E-590600N0314700E-
590800N0315000E-590600N0314700E-590600N0313600E-590400N0313600E.
150M AMSL-200M AMSL.

5. WI 1KM EITHER SIDE OF LINE JOINING POINTS:

590400N0313600E-590000N0313300E-585500N0312900E-585400N0313800E-
585300N0313700E-585100N0314500E-585200N0315200E.
150M AMSL-550M AMSL.

F) SFC G) 550M AMSL

X2456/22

19-24 0600-1700

AIRSPACE **CLSD** AS FLW:1. AREA: 600951N0301103E-600924N0301308E-600826N0301503E-
600738N0301508E-600754N0301829E-600949N0301722E-
600951N0301814E-600807N0302000E-600800N0302149E-
600612N0302608E-600506N0302904E-600627N0302835E-
600622N0303038E-600236N0303047E-600423N0302850E-
600504N0302253E-600725N0302114E-600714N0301426E-
600824N0301418E-600915N0301144E-600951N0301103E
200M AMSL-280M AMSL.2. WI CIRCLE RADIUS 0.5KM CENTRE 600858N0301359E
SFC-280M AMSL.

F) SFC G) 280M AMSL

X2458/22

19-24 0600-1700

AIRSPACE **CLSD** AS FLW:1. WI CIRCLE RADIUS 0.5KM CENTRE 580500N0325300E
SFC-650M AMSL.

2. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

581200N0323800E-580500N0325300E-580100N0330100E-575900N0331100E-
575700N0331300E-575600N0325900E-575700N0323800E-575200N0322400E-
575500N0320900E-575500N0315600E.

450M AMSL-650M AMSL.

F) SFC G) 650M AMSL



X2459/22

19-24 0600-1700

AIRSPACE **CLSD** AS FLW:1. WI CIRCLE RADIUS 0.5KM CENTRE 582100N0335800E
SFC-700M AMSL.2. WI CIRCLE RADIUS 0.5KM CENTRE 580500N0333600E
300M AMSL-700M AMSL.

3. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

582100N0335800E-581700N0335300E-581500N0335200E-580900N0334500E-
580700N0334000E-580700N0333800E-581200N0332900E-581700N0332800E-
582300N0332100E-581700N0332800E-581200N0332900E-580700N0333800E-
580700N0334000E-580500N0333600E.

450M AMSL-700M AMSL.

4. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

580500N0333600E-580200N0333400E-580100N033200E-580100N0332800E.
300M AMSL-380M AMSL.

F) SFC G) 700M AMSL

X2461/22

19-23 0600-1600

AIRSPACE **CLSD** WI AREA:

SECTOR CENTRE 613616N 0343751E AZM 050-235DEG RADIUS 5KM.

F) SFC G) 600M AMSL

X2466/22

19-24 0600-1700

AIRSPACE **CLSD** AS FLW:1. WI CIRCLE RADIUS 1.2KM CENTRE 595436N0315014E
SFC-1500M AMSL.2. WI 1.5KM EITHER SIDE OF LINE JOINING POINTS:
595354N0314751E-600909N0323949E.

F) SFC G) 5000M AMSL

X2467/22

19-24 0600-1700

AIRSPACE **CLSD** AS FLW:1. WI CIRCLE RADIUS 0.5KM CENTRE 575600N0332300E
SFC-700M AMSL.2. WI 0.7KM EITHER SIDE OF LINE JOINING POINTS:
575100N0334100E-575100N0333400E-575200N0333400E-
575400N0332900E-575600N0332300E.

500M AMSL-700M AMSL.

F) SFC G) 700M AMSL

X2474/22

19-24 0600-1700

AIRSPACE **CLSD** AS FLW:1. WI CIRCLE RADIUS 0.5KM CENTRE 575500N0334900E
SFC-350M AMSL.2. WI 2KM EITHER SIDE OF LINE JOINING POINTS:
575500N0334900E-575500N0334500E-575500N0334100E-
575600N0333900E-575700N0333500E-575700N0332500E.
300M AMSL-350M AMSL.

F) SFC G) 350M AMSL

X2491/22

19-24 0600-1700

AIRSPACE **CLSD** AS FLW:1. AREA: 590900N0385400E-590800N0390200E-590800N0391000E-
590600N0391000E-590800N0385300E-590900N0385400E
350M AMSL-400M AMSL.2. WI CIRCLE RADIUS 0.5KM CENTRE 590700N0390100E
SFC-400M AMSL.

F) SFC G) 400M AMSL



X2492/22

19-24 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 610100N0362900E-610100N0363500E-605100N0371100E-
604400N0372400E-604300N0373700E-603700N0374000E-
601800N0380300E-601800N0375800E-602400N0374400E-
604000N0373000E-604200N0371700E-604900N0370900E-
605900N0362900E-610100N0362900E

250M AMSL-350M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 605600N0364600E
SFC-350M AMSL.

F) SFC G) 350M AMSL

X2497/22

19-24 0600-2100

AIRSPACE **CLSD** AS FLW:

1. AREA: 652500N0523900E-652900N0523700E-653300N0524700E-
653100N0531200E-653600N0531500E-653600N0532200E-
651800N0532300E-651500N0531800E-651900N0530400E-
652800N0530700E-653100N0524900E-652500N0523900E
350M AMSL-550M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 652000N0531200E
SFC-550M AMSL.

F) SFC G) 550M AMSL

X2498/22

19-24 0600-2100

AIRSPACE **CLSD** AS FLW:

1. AREA: 650300N0541500E-643300N0550500E-642900N0545600E-
644700N0542100E-645100N0535700E-650600N0535100E-
651600N0532300E-651900N0532700E-651800N0541400E-
650300N0541500E

350M AMSL-550M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 650300N0540000E
SFC-550M AMSL.

F) SFC G) 550M AMSL

X2419/22

19-23 0500-1600

AIRSPACE **CLSD** WI AREA:

601503N0302247E-601501N0302137E-601251N0301917E-601128N0301905E-
601104N0302010E-601113N0302100E-601503N0302247E.

F) SFC G) 280M AMSL

X2462/22

19-23 0500-1600

AIRSPACE **CLSD** WI AREA:

601504N0302352E-601500N0302048E-602256N0302135E-
602125N0302833E-601504N0302352E.

F) SFC G) 1500M AMSL

X2480/22

18-20 1400-2200

AIRSPACE **CLSD** AS FLW:

1. AREA: 595606N0302031E-595612N0302031E-595646N0301951E-
595703N0301935E-595708N0301922E-595709N0301855E-
595703N0301840E-595644N0301811E-595624N0301837E-
595604N0301907E-595540N0302008E-595545N0302021E-
595606N0302031E

2. AREA: 595510N0301753E-595523N0301741E-595530N0301813E-
595518N0301824E-595510N0301753E

3. AREA: 595804N0301339E-595835N0301342E-595900N0301234E-
595907N0301133E-595909N0301129E-595907N0301115E-
595856N0301123E-595832N0301233E-595807N0301235E-
595804N0301339E

F) SFC G) 150M AMSL



X2409/22

18-23 0700-1400

AIRSPACE **CLSD** AS FLW:

1. AREA: 595700N0303100E-595700N0303230E-595550N0303141E-
595750N0304152E-595555N0304546E-594800N0304500E-
595400N0303000E-595700N0303100E

200M AMSL-280M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 595300N0304100E

SFC-280M AMSL.

F) SFC G) 280M AMSL

X2406/22

18-23 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 602600N0294000E-603100N0295100E-603400N0301200E-
603100N0301200E-602900N0295400E-602600N0294600E-
602700N0300900E-602700N0302500E-602344N0302703E-
602200N0303000E-602100N0303700E-601900N0303700E-
602100N0303000E-602400N0302400E-602400N0294300E-
602600N0294000E

450M AMSL-600M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 602400N0295700E

SFC-600M AMSL.

F) SFC G) 600M AMSL

X2414/22

18-23 0600-2100

AIRSPACE **CLSD** AS FLW:

1. AREA: 652000N0554300E-652800N0563600E-652400N0563700E-
652000N0563300E-650900N0564200E-650600N0564900E-
650200N0570500E-644600N0570700E-644700N0565600E-
645300N0562400E-651700N0561700E-651400N0555300E-
652000N0554300E.

300M AMSL-500M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 650100N0565800E.

SFC-500M AMSL.

3. WI CIRCLE RADIUS 0.5KM CENTRE 645300N0562600E.

SFC-500M AMSL.

F) SFC G) 500M AMSL

X2416/22

18-23 0600-2100

AIRSPACE **CLSD** AS FLW:

1. AREA: 671100N0563600E-671200N0564000E-671100N0564300E-
670600N0565500E-670000N0565900E-665500N0565400E-
664500N0563300E-664600N0561300E-664900N0561600E-
665000N0563300E-671100N0563600E

450M AMSL-500M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 665000N0563900E

SFC-500M AMSL.

F) SFC G) 500M AMSL

X2415/22

18-23 0600-2100

AIRSPACE **CLSD** AS FLW:

1. AREA: 664600N0563700E-665400N0565400E-663900N0572500E-
663000N0572500E-662400N0571200E-662200N0571000E-
662600N0570700E-662800N0564100E-664600N0563700E

450M AMSL-500M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 664100N0565100E

SFC-500M AMSL.

F) SFC G) 500M AMSL



X2437/22

18-23 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 594700N0322200E-595000N0323300E-595000N0324900E-
594800N0325800E-594600N0325700E-594900N0324200E-
594800N0323200E-594600N0322300E-594700N0322200E

2. WI CIRCLE RADIUS 0.5KM CENTRE 594800N0323200E

F) SFC G) 250M AMSL

X2442/22

18-23 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 593600N0335800E-592800N0341300E-593100N0342100E-
592800N0342300E-592600N0341200E-593400N0335600E-
593600N0335800E

350M AMSL-450M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 593600N0335800E

SFC-450M AMSL.

F) SFC G) 450M AMSL

X2443/22

18-23 0600-1700

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 1KM CENTRE 582200N0320500E

SFC-550M AMSL.

2. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

582400N0314800E-582200N0320500E-582200N0321300E-581900N0322100E-

581900N0322300E-582000N0322400E-581900N0322300E-581800N0322300E-

581700N0322600E-581600N0323200E-581400N0323500E.

450M AMSL-550M AMSL.

F) SFC G) 550M AMSL

X2445/22

18-23 0600-1700

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 0.5KM CENTRE 584300N0312500E

SFC-550M AMSL.

2. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

585200N0312800E-584400N0312500E-583500N0311700E-583600N0311400E-

583300N0311100E-583200N0310600E-583300N0311100E-583600N0311400E-

583500N0311700E-583200N0312500E-583300N0313300E-583200N0313400E-

583300N0313300E-583200N0312500E-583500N0311700E-584400N0312500E-

584300N0312500E-584400N0312500E-584200N0313500E-583200N0313900E-

583000N0313600E-582900N0313800E-582800N0314400E-582600N0314400E.

450M AMSL-550M AMSL.

F) SFC G) 550M AMSL

X2408/22

17-22 0700-1400

AIRSPACE **CLSD** AS FLW:

1. AREA: 595314N0304853E-595300N0305000E-595051N0305045E-

595035N0305449E-595300N0305500E-595230N0305800E-

594925N0305610E-594800N0305300E-595036N0304810E-

595314N0304853E

200M AMSL-280M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 595113N0305620E

SFC-280M AMSL.

F) SFC G) 280M AMSL

X2382/22

17-22 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 601218N0295706E-601219N0295927E-601143N0300100E-

601110N0295917E-601112N0295706E-601218N0295706E

2. 0.3KM RADIUS CENTRED ON 601143N0300100E.

F) SFC G) 190M AMSL



X2383/22

17-22 0600-1500

AIRSPACE **CLSD** AS FLW:

1. AREA: 585627N0314324E-585506N0314836E-585145N0314519E-585305N0313950E-585627N0314324E

200M AMSL-1250M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 585250N0314523E

SFC-1250M AMSL.

F) SFC G) 1250M AMSL

X2402/22

17-22 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 584800N0401400E-584900N0401600E-585000N0402000E-585500N0402200E-590900N0404900E-592600N0412300E-

592200N0413200E-585300N0402700E-585300N0403700E-

584700N0410400E-584600N0405300E-585100N0403700E-

585000N0402300E-584700N0401800E-584600N0401400E-

584800N0401400E.

500M AMSL-700M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 585200N0403100E.

SFC-700M AMSL.

F) SFC G) 700M AMSL

X2403/22

17-22 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 623200N0401000E-623000N0401800E-620800N0403200E-620500N0402200E-621200N0401400E-623200N0401000E

400M AMSL-600M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 621300N0401800E

SFC-600M AMSL.

F) SFC G) 600M AMSL

X2407/22

17-22 0600-2100

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 1KM CENTRE 664600N0561000E.

SFC-550M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 671500N0560000E.

SFC-550M AMSL.

3. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

671500N0560000E-671400N0560600E-671200N0554800E-671500N0552400E-

671400N0543900E-664500N0550200E-664600N0561000E-664500N0550200E-

671400N0543900E-671500N0552400E-671200N0554800E-671400N0560600E-

671100N0563300E-671400N0560600E-671500N0560000E.

450M AMSL-550M AMSL.

F) SFC G) 550M AMSL

X2370/22

17-22 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 595600N0314200E-595400N0314900E-595000N0320200E-

595000N0321900E-594800N0322500E-595000N0323400E-

595000N0324800E-594800N0325800E-594600N0325600E-

594900N0324700E-594800N0323300E-594600N0322500E-

593700N0322100E-593000N0320900E-593200N0320100E-

592600N0315000E-592700N0314000E-594600N0321900E-

594800N0320000E-595226N0314813E-595300N0314100E-

595600N0313600E-595600N0314200E

450M AMSL-550M AMSL.

2. 0.5KM RADIUS CENTRED ON 594900N0321700E

SFC-550M AMSL.

F) SFC G) 550M AMSL



X2372/22

17-22 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 594800N0325900E-594300N0330700E-594300N0333600E-
593600N0335900E-593000N0341000E-592700N0341100E-
593300N0335700E-592900N0334900E-593500N0335000E-
593800N0333600E-594000N0333500E-594000N0330500E-
594600N0325700E-594800N0325900E

550M AMSL-650M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 593300N0335700E

SFC-650M AMSL.

F) SFC G) 650M AMSL

X2373/22

17-22 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 593000N0341100E-593200N0341700E-592600N0352400E-
592200N0352000E-592800N0341700E-592700N0341200E-
593000N0341100E

500M AMSL-700M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 592700N0343700E

SFC-700M AMSL.

F) SFC G) 700M AMSL

X2375/22

17-22 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 601309N0294315E-601432N0294429E-601556N0295157E-
601715N0294928E-601730N0295118E-601437N0295733E-
601207N0295758E-601033N0300507E-600902N0300328E-
600831N0300603E-600449N0300755E-600444N0300508E-
600749N0295935E-601021N0300129E-601127N0295612E-
601433N0295344E-601426N0294859E-601251N0294447E-
601309N0294315E

200M AMSL-280M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 601323N0295536E

SFC-280M AMSL.

F) SFC G) 280M AMSL

X2374/22

17-22 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 603800N0291000E-603900N0291500E-603000N0293200E-
601800N0295300E-601700N0294600E-602200N0293700E-
601900N0292800E-602100N0292800E-602400N0293400E-
603800N0291000E

200M AMSL-280M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 603000N0293200E

SFC-280M AMSL.

3. WI CIRCLE RADIUS 0.5KM CENTRE 602600N0293500E

SFC-280M AMSL.

F) SFC G) 280M AMSL

X2387/22

17-22 0400-1800

AIRSPACE **CLSD** AS FLW:

1. AREA: 603000N0532800E-602600N0535900E-602100N0534300E-
602300N0532100E-603000N0532800E

450M AMSL-850M AMSL.

2. 0.5KM RADIUS CENTRED ON 602600N0533600E

SFC-850M AMSL.

F) SFC G) 850M AMSL



X2325/22

DAILY 1901-0559

ATS RTE SEGMENTS **CLSD**:

L870 TURAL-OKBES FL055-FL135,

M60 UTETA-ATLUM FL055-FL170,

T561 TURAL-ATLUM FL055-FL170.

F) FL055 G) FL170

X2351/22

16-20 1901-2359, 17-21 0000-0559

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 5KM CENTRE 593700N0291400E

SFC-1500M AMSL.

2. WI CIRCLE RADIUS 22KM CENTRE 593542N0285600E

900M AMSL-1500M AMSL.

3. WI 1KM EITHER SIDE OF LINE JOINING POINTS:

593828N0290000E-594550N0280353E.

900M AMSL-1500M AMSL.

F) SFC G) 1500M AMSL

X2310/22

16-21 1130-1500 1800-2100

AIRSPACE **CLSD** AS FLW:

1. AREA: 633300N0533500E-633600N0533600E-633900N0534900E-

633600N0540300E-634100N0544000E-633800N0544700E-

633500N0543300E-632800N0534300E-633300N0533500E

350M AMSL-550M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 633000N0535200E

SFC-550M AMSL.

F) SFC G) 550M AMSL

X2377/22

16-21 0700-1400

AIRSPACE **CLSD** AS FLW:

1. AREA: 600250N0303850E-595930N0304808E-595811N0304656E-

595907N0304308E-595825N0303900E-600011N0303600E-

595859N0303434E-595703N0303744E-595600N0303200E-

595800N0303400E-595900N0303200E-600100N0303400E-

600140N0303808E-600250N0303850E

200M AMSL-280M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 595714N0303527E

SFC-280M AMSL.

F) SFC G) 280M AMSL

X2311/22

16-21 0600-2100

AIRSPACE **CLSD** AS FLW:

1. AREA: 631800N0534800E-631600N0535300E-631700N0541100E-

631800N0541600E-631700N0542900E-631500N0542600E-

631600N0542000E-631400N0534800E-631700N0534400E-

631800N0534800E

500M AMSL-550M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 631700N0534700E

SFC-550M AMSL.

F) SFC G) 550M AMSL



X2334/22

16-21 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 591600N0292800E-591600N0293500E-591600N0300500E-
591700N0303200E-591400N0303100E-591500N0301400E-
590900N0300400E-590500N0301000E-584600N0295600E-
584600N0295200E-585600N0295700E-590600N0300300E-
591100N0294800E-591300N0292500E-591600N0292800E
500M AMSL-600M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 591600N0293500E
SFC-600M AMSL.

F) SFC G) 600M AMSL

X2338/22

16-21 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 593420N0295745E-593502N0300151E-593342N0300017E-
593047N0300344E-593136N0300618E-593153N0301259E-
593407N0301526E-593644N0302349E-593713N0303135E-
593930N0303704E-594109N0303724E-593451N0304910E-
593324N0304912E-593206N0305038E-593124N0305517E-
592920N0305849E-592832N0305705E-593147N0304505E-
593434N0304652E-593843N0303923E-593516N0303010E-
593321N0302800E-593224N0301603E-593057N0301417E-
593025N0301042E-592713N0300831E-592717N0300705E-
593007N0300850E-592946N0300244E-593420N0295745E
200M AMSL-280M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 593600N0302700E
SFC-280M AMSL.

F) SFC G) 280M AMSL

X2343/22

16-21 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 582608N0304022E-581834N0304336E-581044N0303933E-
580245N0304015E-575950N0304217E-580117N0304730E-
580015N0305110E-575822N0305040E-575502N0304712E-
575218N0304758E-573836N0310528E-572101N0310529E-
570237N0313353E-565957N0312527E-570758N0311148E-
572023N0305843E-573740N0305922E-574948N0304144E-
580516N0303014E-581239N0303014E-581941N0303709E-
582517N0303609E-582608N0304022E

220M AMSL-750M AMSL.

2. WI CIRCLE RADIUS 1.5KM CENTRE 581230N0303520E
GND-750M AMSL.

3. WI CIRCLE RADIUS 1KM CENTRE 575459N0304431E
GND-750M AMSL.

4. WI CIRCLE RADIUS 1KM CENTRE 575852N0304715E
GND-750M AMSL.

F) GND G) 750M AMSL

X2299/22 VALID: 15-DEC-22 0700 - 20-DEC-22 1500

15-20 0700-1500

AIRSPACE **CLSD** AS FLW:

1. AREA: 581144N0333120E-581039N0332717E-581304N0332419E-
581422N0332945E-581144N0333120E
290M AMSL-370M AMSL.

2. 0.3KM RADIUS CENTRED ON 581250N0332931E
SFC-330M AMSL.

F) SFC G) 370M AMSL



X2320/22 VALID: 15-DEC-22 0700 - 20-DEC-22 1400
15-20 0700-1400

AIRSPACE **CLSD** WI AREA:

593700N0281000E-593930N0281530E-593900N0282200E-
593400N0281900E-593400N0281100E-593700N0281000E.

F) SFC G) 350M AMSL

X1908/22

DAILY 0600-1900

AIRSPACE **CLSD** WI AREA:

693336N0315814E-693427N0315327E-693549N0314914E-693718N0314658E-
693905N0314520E-693919N0314648E-693740N0314831E-693615N0315012E-
693458N0315412E-693408N0315833E-693336N0315814E.

F) SFC G) 800M AMSL

X2305/22

DAILY 0600-1900

ATS RTE SEGMENTS **CLSD**:

L870 TURAL-OKBES FL055-FL135

M60 UTETA-ATLUM FL055-FL170

T561 TURAL-ATLUM FL055-FL170.

F) FL055 G) FL170

X2313/22

15-20 0600-1900

AIRSPACE **CLSD** AS FLW:

1. 5KM RADIUS CENTRED ON 593700N0291400E

SFC-1500M AMSL.

2. 1KM EITHER SIDE OF LINE:

593655N0290910E-593642N0285857E.

600M AMSL-1500M AMSL.

3. 1KM EITHER SIDE OF LINE:

593642N0285857E-593645N0284640E.

900M AMSL-1500M AMSL.

F) SFC G) 5200M AMSL

X2328/22

15-20 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 592500N0284100E-592500N0284700E-592300N0284300E-

592100N0284800E-591700N0292300E-591400N0291900E-

591500N0290700E-592000N0284100E-592500N0284100E

500M AMSL-600M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 592500N0284500E

SFC-600M AMSL.

F) SFC G) 600M AMSL

X2332/22

15-20 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 592300N0281500E-592737N0283229E-592557N0284016E-

592321N0284014E-592328N0283449E-592129N0283441E-

591751N0283648E-591600N0283400E-591500N0283300E-

591200N0283300E-591200N0282700E-590500N0280900E-

590800N0280900E-591500N0283000E-592100N0283000E-

592100N0281800E-592300N0281500E

450M AMSL-550M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 592600N0283300E

SFC-550M AMSL.

F) SFC G) 550M AMSL



X2335/22

15-20 0600-1700

AIRSPACE **CLSD** AS FLW:1. WI CIRCLE RADIUS 0.5KM CENTRE 591700N0313000E
SFC-550M AMSL.

2. WI 2KM EITHER SIDE OF LINE JOINING POINTS:

591700N0313000E-592100N0313000E-592400N0313400E-592500N0314300E.
350M AMSL-550M AMSL.

F) SFC G) 550M AMSL

X2336/22

15-20 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 591700N0303400E-591600N0305300E-590800N0311100E-

591400N0312000E-591200N0312500E-590400N0311200E-

590600N0310000E-591300N0305000E-591400N0303300E-

591700N0303400E

450M AMSL-550M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 590800N0311400E

SFC-550M AMSL.

F) SFC G) 550M AMSL

U1508/22

DME OSMINO PUT INTO OPR:

CALL SIGN OGN, FREQ 114.40MHZ, CH 91X, OPR HR H24,

COORD 590019N 0290640E (PZ-90.11), **DME** ELEV 90M/300FT.

REF AIP RUSSIA GEN 2.5, ENR 4.1-7, ENRC 1.

U1509/22

DME VELIKIY NOVGOROD PUT INTO OPR:

ID NVG, FREQ 113.80 MHZ, CH 85X, OPR HR H24, COORD 583029N

0311510E (PZ-90.11), **DME** ELEVATION 60M/200FT.

REF AIP RUSSIA GEN 2.5, ENR 4.1, ENRC 1,3.

X2190/22

10-31 0600-1800

RESTRICTED AREA ACT: ULR1829.

F) GND G) 600M AGL

X1991/22

03 05-10 12-17 19-24 26-31 0530-1055 1300-1500 1800-2150

RESTRICTED AREA ACT: ULR31.

RESTRICTION NOT APPLY TO ACFT FLT (OVERFLIGHT) TO PSKOV/KRESTY **AD**.

OVERFLIGHT OF RESTRICTED AREA CARRIED OUT BY ATS UNIT PERMISSION.

F) GND G) FL100

X1835/22

01 02 05-09 12-16 19-23 26-30 1300-2359

RESTRICTED AREA ACT: ULR55.

F) GND G) FL150

X1858/22

01-31 0900-1600

RESTRICTED AREA ACT: ULR27.

F) GND G) 900M AMSL

X1846/22

01-31 0800-2000

RESTRICTED AREA ACT: ULR69.

F) GND G) 600M AMSL

X1848/22

DAILY 0800-2000

RESTRICTED AREA ACT: ULR72.

F) GND G) 600M AGL

X1847/22

DAILY 0800-2000

RESTRICTED AREA ACT: ULR70.

F) GND G) 600M AGL



X1850/22
DAILY 0800-2000
RESTRICTED AREA ACT: ULR74.
F) GND G) 600M AGL

X1852/22
01-31 0800-2000
RESTRICTED AREA ACT: ULR73.
F) GND G) 600M AMSL

X1854/22
01-31 0800-2000
RESTRICTED AREA ACT: ULR75.
F) GND G) 600M AMSL

X1857/22
01-31 0800-1600
RESTRICTED AREA ACT: ULR26.
F) GND G) 900M AMSL

X1829/22
01-31 0700-1500
RESTRICTED AREA ACT: ULR22.
F) GND G) 1100M AGL

X1831/22
01-31 0700-1500
RESTRICTED AREA ACT: ULR32.
F) GND G) 1000M AGL

X1830/22
01-31 0700-1500
RESTRICTED AREA ACT: ULR23.
F) GND G) 1100M AGL

X1834/22
01-31 0700-1500
RESTRICTED AREA ACT: ULR49.
F) GND G) 900M AGL

X1833/22
01-31 0700-1500
RESTRICTED AREA ACT: ULR36.
F) GND G) 1500M AGL

X1832/22
01-31 0700-1500
RESTRICTED AREA ACT: ULR35.
F) GND G) 950M AGL

X1837/22
01-31 0700-1500
RESTRICTED AREA ACT: ULR1840.
F) GND G) 450M AGL

X1836/22
01-31 0700-1500
RESTRICTED AREA ACT: ULR1839.
F) GND G) 450M AGL

X1839/22
01-31 0700-1500
RESTRICTED AREA ACT: ULR1844.
F) GND G) 600M AGL

X1843/22
01-03 06-10 13-17 20-24 27-31 0700-1500
RESTRICTED AREA ACT: ULR88.
F) GND G) 750M AMSL

X1860/22
01-31 0700-1400
RESTRICTED AREA ACT: ULR1852.
F) GND G) 300M AMSL



X1859/22
01-31 0700-1400
RESTRICTED AREA ACT: ULR1851.
F) GND G) 300M AMSL

X1450/22
01 02 05-09 12-16 19-23 26-30 0600-1700
RESTRICTED AREA ACT: ULR1880.
F) GND G) 20400M AGL

X1449/22
01 02 05-09 12-16 19-23 26-30 0600-1700
RESTRICTED AREA ACT: ULR1879.
F) GND G) 20400M AGL

X1822/22
01 02 05-09 12-16 19-23 26-30 0600-1600 1700-2300
RESTRICTED AREA ACT: ULR17.
F) GND G) 800M AMSL

X1825/22
01 06-08 12-16 19-23 27 28 0600-1400
RESTRICTED AREA ACT: ULR54.
F) GND G) 350M AMSL

X1824/22
01-31 0600-1600 1700-2359
RESTRICTED AREA ACT: ULR25.
F) GND G) FL170

X1823/22
01-31 0600-1600 1700-2359
RESTRICTED AREA ACT: ULR24.
OVERFLYING WITH PERMISSION OF ATS UNIT.
F) GND G) FL070

X1844/22
01 02 05-09 12-16 19-23 26-30 0600-2359
RESTRICTED AREA ACT: ULR33.
F) GND G) 1000M AMSL

X1856/22
01-03 05-10 12-17 19-24 26-31 0600-1500
RESTRICTED AREA ACT: ULR91.
F) GND G) 1000M AMSL

X1861/22
01-03 05-10 12-17 19-24 26-31 0600-1100
RESTRICTED AREA ACT: ULR90.
F) GND G) 1000M AMSL

X1885/22
DAILY 0600-1700
RESTRICTED AREA ACT: ULR16.
F) GND G) FL390

X1821/22
01-25 0500-1500 1700-0100
RESTRICTED AREA ACT: ULR21.
F) GND G) 30000M AMSL

X1826/22
01-31 0500-2200
RESTRICTED AREA ACT: ULR30.
RESTRICTIONS DO NOT AFFECT FLT TO PSKOV/KRESTY **AD**.
OVERFLYING WITH PERMISSION OF ATS UNIT.
F) GND G) FL100

X1838/22
01 02 05-09 12-16 19-23 26-30 0500-1100
RESTRICTED AREA ACT: ULR55.
F) GND G) FL150



X1840/22
01-31 0500-1400
RESTRICTED AREA ACT: ULR120.
F) GND G) 1100M AGL

X1849/22
01 02 05-09 12-16 19-23 26-30 0500-1400
RESTRICTED AREA ACT: ULR1824.
F) SFC G) 600M AMSL

X1863/22
01-31 0500-2200
RESTRICTED AREA ACT: ULR149.
F) SFC G) 6100M AMSL

X1862/22
01-31 0500-2200
RESTRICTED AREA ACT: ULR148.
F) SFC G) 4250M AMSL

X1865/22
01-31 0500-2200
RESTRICTED AREA ACT: ULR151.
F) GND G) FL150

X1864/22
01-31 0500-2200
RESTRICTED AREA ACT: ULR150.
F) SFC G) 4250M AMSL

X1878/22
01 02 05-09 12-16 19-23 26-30 0500-2050
RESTRICTED AREA ACT: ULR29.
F) GND G) FL170

X1851/22
01-31 0400-1800
RESTRICTED AREA ACT: ULR185.
F) GND G) 300M AMSL

X1853/22
01-31 0400-1800
RESTRICTED AREA ACT: ULR186.
F) GND G) 300M AMSL

X1855/22
01-31 0400-1800
RESTRICTED AREA ACT: ULR187.
F) GND G) 300M AMSL

X1828/22
RESTRICTED AREA ACT: ULR28.
F) GND G) FL290

G0249/22
GBAS LESHUKONSKOYE ULAL 112.000 CH 22215 (645337.4N 0454421.0E)
U/S.

G0248/22
GBAS KOTLAS ULKK 111.500 CH 22195 (611416.8N 0464208.3E) **U/S.**

G0247/22
GBAS AMDERMA 113.875 CH 22290 (694533.3N 0613447.6E) **U/S.**

U1418/22
INMARSAT TEL NUMBER + 870-772 397 352 UNAVAILABLE.
(AIC 06/14 DATED 18.09.2014).

U1275/22
NARYAN-MAR VORDME NMR 112.3MHZ: **VOR U/S.**

U0711/22
ROUTE DESIGNATOR L 162 CRP EVMUV - CRP LIMUS CHANGED.
TO READ T 150 INSTEAD OF L 162.
REF AIP RUSSIA ENR 3.2-22, ENRC 16.



U0460/22

KARGOPOL **DME** PUT INTO OPERATION:
ID KRG, FREQ 116.75 MHZ CH 114Y, HOURS OF OPERATION H24,
COORD 613032N 0385453E (PZ-90.11), ELEVATION 150M/500FT.
REF AIP RUSSIA GEN 2.5, ENR 4.1-5, ENRC 1.

U0421/22

VUKTYL **DME** COMISSIONED:
CS BW, FREQ 111.00MHZ CH 47X, OPR H24,
COORD 634938N 0571709E (PZ-90.11), ELEV 120M/400FT.
REF AIP GEN 2.5-2, ENR 4.1, ENRC 5.

U0317/22

DME GORKA PUT INTO OPERATION:
ID GNB, FREQ 114.10 MHZ CH 88X, OPR HR H24,
COORD 594920N 0322107E (PZ-90.11), ELEVATION OF **DME** 60M.
REF AIP RUSSIA PAGE GEN 2.5-3, ENR 4.1-3, ENRC 1.

U0216/22

SANKT-PETERBURG FIR, VORKUTA CTR
ATS UNITS AND HR SER:
1. VORKUTA APP, CS VORKUTA-PODKHOD, FREQ 129.500MHZ
- MON FRI SAT 0400-1600
- TUE WED THU 0400-1800.
2. ACC SANKT-PETERBURG, CS PETERBURG-CONTROL, FREQ 134.100MHZ,
133.100MHZ
ALL OTHER TIME.
REF AIP RUSSIA ENR 2.1-61.

U0087/21

SANKT-PETERBURG FIR, MURMANSK **AD**:
MURMANSK TWR (CALL SIGN MURMANSK-RADAR) WI AIRSPACE OF MURMANSK
TMA PROVIDES ATS ON FREQ 120.700 MHZ INSTEAD OF PUBLISHED INFO.
REF AIP RUSSIA ENR 2.1-61.

U0076/21

ON SEGMENTS OF ATS RTE RNAV N 155
CRP ANDAT - NCRP RENTU - NCRP ABINU - CRP OSKIT - NCRP KUKSA -
NCRP REBGA - NCRP SUNAD - CRP NIPRA - NCRP MINPU - NCRP ARKIM -
CRP UNISO
BIDIRECTIONAL OPERATIONS INSTEAD OF PUBLISHED ESTABLISHED.
DIRECTION OF CRUISING LEVELS ODD/EVEN.
REF AIP RUSSIA PAGE ENR 3.2-154, ENRC 2.

U0018/21

AIC 01/21 PUBLISHED ABOUT MONITORING OF HEIGHT-KEEPING SYSTEM
DISCREPANCIES DRG FLIGHTS IN RVSM OF SAINT-PETERSBURG ATS AREA.
AIC 01/21 EFF FROM 20 MAY 2021, **AVBL** ON WEBSITE
[HTTP:CAICA.RU](http://CAICA.RU)/ACCESS TO ON-LINE AERONAUTICAL INFORMATION AND
DOWNLOAD FILES/INTEGRATED AERONAUTICAL INFORMATION PACKAGE
OF THE RUSSIAN FEDERATION/AIP OF RUSSIA/AIC.

=====
EXTENDED AREA AROUND DESTINATION ALTERNATE AIRPORT(S)
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UUWV MOSCOW FIR

K9469/22

20-22 0800-1400
AIRSPACE **CLSD** WI CIRCLE RADIUS 1KM CENTRE 545100N0372600E.
F) SFC G) 350M AMSL



K9577/22
20-23 0800-1700
AIRSPACE **CLSD** WI AREA:
554715N0342530E-554730N0342529E-554729N0342600E-554745N0342615E-
554745N0342800E-554730N0342800E-554730N0342730E-554715N0342700E-
554700N0342545E-554715N0342530E.
F) SFC G) 280M AMSL

K9638/22
20 21 0700-2359
AIRSPACE **CLSD** WI AREA:
545800N0381200E-545602N0382042E-543725N0383410E-543640N0382200E-
543845N0380750E-545101N0375749E-545551N0380149E-545800N0381200E.
F) SFC G) 1700M AMSL

K9693/22
20-24 0700-1400
AIRSPACE **CLSD** WI CIRCLE RADIUS 2KM CENTRE 554020N0381248E.
F) SFC G) 1160M AMSL

K9694/22
20-25 0700-1800
AIRSPACE **CLSD** AS FLW:
1. WI CIRCLE RADIUS 1KM CENTRE 554537N0380351E
SFC-400M AMSL.
2. AREA: 554525N0380346E-554541N0380413E-554555N0380343E-
554545N0380327E-554525N0380346E
300M AMSL-400M AMSL.
F) SFC G) 400M AMSL

K9726/22
20 21 0700-1019
AIRSPACE **CLSD** WI 5KM EITHER SIDE OF LINE JOINING POINTS:
542000N0322900E-542100N0323000E-544100N0333400E-550000N0343900E-
551900N0354500E-553600N0362800E-553400N0364400E-552900N0371900E-
552900N0372000E-552700N0371900E-551600N0362600E-545800N0350600E-
544000N0334700E-542100N0322900E.
F) 900M AMSL G) 1200M AMSL

K9722/22
DAILY 0650-1010
AIRSPACE **CLSD** WI 5KM EITHER SIDE OF LINE JOINING POINTS:
523900N0392700E-524100N0392700E-534900N0393600E-543900N0395600E-
550500N0393600E-551200N0394500E-535600N0393600E-523900N0392700E.
F) 1200M AMSL G) 1800M AMSL

K9710/22
20-22 0600-1700
AIRSPACE **CLSD** AS FLW:
1. AREA: 572000N0361900E-572500N0363800E-572700N0364700E-
573300N0365900E-573500N0365300E-573900N0365200E-
574500N0364300E-574600N0364500E-574200N0365600E-
573600N0365700E-573400N0370300E-573700N0371500E-
572800N0372600E-572400N0372700E-572300N0373700E-
572100N0373400E-571400N0371000E-571600N0370800E-
572100N0372100E-572700N0372100E-573400N0371200E-
573200N0370200E-572400N0364800E-571800N0362300E-
572000N0361900E
500M AMSL-700M AMSL.
2. WI CIRCLE RADIUS 0.5KM CENTRE 572400N0364000E
SFC-700M AMSL.
F) SFC G) 700M AMSL



K9713/22

20-24 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 572100N0363700E-572200N0364000E-571700N0364200E-
571300N0364000E-565800N0365000E-564700N0364900E-
564700N0364500E-565700N0364600E-570600N0363800E-
571300N0363700E-571700N0363800E-572100N0363700E
500M AMSL-700M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 570700N0364400E
SFC-700M AMSL.

F) SFC G) 700M AMSL

K9564/22

20-22 0500-1800

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 0.5KM CENTRE 563546N0411452E
SFC-650M AMSL.

2. WI 0.5KM EITHER SIDE OF LINE JOINING POINTS:
563546N0411452E-563724N0411415E-563853N0411309E-564006N0411320E-
564337N0410925E-564513N0411226E-564851N0411624E-565207N0411630E-
565417N0412352E.

450M AMSL-650M AMSL.

F) SFC G) 650M AMSL

K9566/22

20-22 0500-1800

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 0.5KM CENTRE 570403N0404046E
SFC-700M AMSL.

2. AREA: 570150N0404647E-570403N0404046E-570600N0403759E-
570619N0403844E-570236N0404807E-570150N0404647E
500M AMSL-700M AMSL.

F) SFC G) 700M AMSL

K9565/22

20-22 0500-1800

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 0.5KM CENTRE 571448N0403112E
SFC-700M AMSL.

2. AREA: 571602N0402422E-571448N0403112E-571215N0403612E-
571006N0403536E-570936N0403223E-571602N0402422E
500M AMSL-700M AMSL.

F) SFC G) 700M AMSL

K9567/22

20-22 0500-1800

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 0.5KM CENTRE 570937N0415048E
SFC-650M AMSL.

2. AREA: 565446N0412906E-571640N0415455E-572237N0414440E-
572723N0415842E-572336N0422946E-571623N0420225E-
570926N0420111E-570610N0415019E-565542N0414209E-
565446N0412906E

450M AMSL-650M AMSL.

F) SFC G) 650M AMSL

K9509/22

19-21 0900-1800

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 1KM CENTRE 563300N0380300E
SFC-700M AMSL.

2. WI 1KM EITHER SIDE OF LINE JOINING POINTS:
563300N0380300E-564700N0380400E-565700N0380500E-570100N0380100E.
500M AMSL-700M AMSL.

F) SFC G) 700M AMSL



K9644/22 VALID: 19-DEC-22 0800 - 20-DEC-22 1300
19 20 0800-1300
AIRSPACE **CLSD** AS FLW:
1. WI CIRCLE RADIUS 3KM CENTRE 562200N0363500E
SFC-600M AMSL.
2. WI CIRCLE RADIUS 1.5KM CENTRE 561200N0364800E
SFC-600M AMSL.
3. WI 0.75KM EITHER SIDE OF LINE JOINING POINTS:
562500N0363300E-562200N0363500E-561800N0364000E-561600N0364300E-
561400N0364500E-561200N0364800E-561100N0365100E-560700N0365700E-
560600N0365730E.
400M AMSL-600M AMSL.
F) SFC G) 600M AMSL

K9648/22 VALID: 19-DEC-22 0800 - 20-DEC-22 1300
19 20 0800-1300
AIRSPACE **CLSD** AS FLW:
1. WI CIRCLE RADIUS 3KM CENTRE 562200N0363500E
SFC-500M AMSL.
2. WI CIRCLE RADIUS 1.5KM CENTRE 561200N0364800E
SFC-600M AMSL.
3. WI 0.75KM EITHER SIDE OF LINE JOINING POINTS:
562500N0363300E-562200N0363500E-561800N0364000E-561600N0364300E-
561400N0364500E-561200N0364800E-561100N0365100E-560700N0365700E-
560600N0365730E.
400M AMSL-600M AMSL.
F) SFC G) 600M AMSL

K9485/22
19-21 0700-1700
AIRSPACE **CLSD** AS FLW:
1. AREA: 544423N0315313E-544312N0315657E-543606N0313627E-
543825N0313410E-544423N0315313E
900M AMSL-1700M AMSL.
2. WI CIRCLE RADIUS 5KM CENTRE 543625N0313638E
SFC-1700M AMSL.
F) SFC G) 1700M AMSL

K9505/22
19-21 0700-1500
AIRSPACE **CLSD** AS FLW:
1. WI 0.075KM EITHER SIDE OF LINE JOINING POINTS:
560532N0360520E-560759N0360659E-560959N0361058E-561000N0361000E-
561200N0361159E-561359N0361259E-561400N0361359E.
800M AMSL-900M AMSL.
2. WI CIRCLE RADIUS 0.02KM CENTRE 560532N0360520E
SFC-900M AMSL.
3. WI CIRCLE RADIUS 0.02KM CENTRE 561400N0361359E
SFC-900M AMSL.
F) SFC G) 900M AMSL

K9547/22
19-21 0700-1400
AIRSPACE **CLSD** WI CIRCLE RADIUS 1.6KM CENTRE 554150N0375620E.
F) 200M AMSL G) 300M AMSL

K9568/22
19-22 0700-2200
AIRSPACE **CLSD** WI AREA:
565500N0404400E-570000N0402200E-564600N0395300E-563800N0395800E-
563300N0402100E-564300N0404100E-565500N0404400E.
F) SFC G) 725M AMSL

K9487/22
19-21 0600-2000
AIRSPACE **CLSD** WI CIRCLE RADIUS 5KM CENTRE 545618N0314401E.
F) SFC G) 1700M AMSL



K9499/22

19-24 0600-2000

ATS RTE **CLSD** WI SEGMENTS:

L29 DURTI-SUPEK FL065-FL100

L736 NEBSU-ASKIL FL065-FL165

L999 AMKUK-BAPRO FL065-FL100

N168 OLDAP-OKRIL FL095-FL100

N168 BATNA-OLDAP FL085-FL100

N858 REPNU-VEPIS FL095-FL100

N869 DURTI-RATIN FL065-FL100

T273 ASKIL-TIBTA FL095-FL165

T52 MOSON-KUDRE FL065-FL100

T779 OLDAP-OSPIL FL065-FL100

T826 AMKUK-ESONU FL065-FL100.

F) FL065 G) FL165

K9500/22

19-24 0600-1500

ATS RTE **CLSD** WI SEGMENT:

N155 GIMDA-GOBOM

T187 GOBOM-MATUB.

F) FL065 G) FL115

K9507/22

19-24 0600-2000

AIRSPACE **CLSD** AS FLW:1. WI CIRCLE RADIUS 5KM CENTRE 543511N0313400E
SFC-1700M AMSL.2. WI 2.5KM EITHER SIDE OF LINE JOINING POINTS:
543511N0313400E-544815N0313200E.
900M AMSL-1700M AMSL.3. WI 2.5KM EITHER SIDE OF LINE JOINING POINTS:
544815N0313200E-545551N0314400E-553100N0311600E.
450M AMSL-1700M AMSL.4. WI 2.5KM EITHER SIDE OF LINE JOINING POINTS:
553026N0311345E-554200N0311500E-554200N0311700E-
553134N0311815E-553026N0311345E.

1700M AMSL-1700M AMSL.

F) SFC G) 1700M AMSL

K9508/22

19-24 0600-1500

AIRSPACE **CLSD** WI AREA:

580639N0385255E-580814N0390526E-580540N0390710E-

580411N0385339E-580639N0385255E.

F) SFC G) 1700M AMSL

K9653/22

19-21 0600-1700

ATS RTE **CLSD** WI SEGMENTS:

KR830 AMDOR-BELY NDB(TU) 450 AMSL-670 AMSL,

KR842 NERNO-BELY NDB(TU) 450 AMSL-650 AMSL.

F) 450M AMSL G) 670M AMSL

K9651/22

19-21 0600-1700

ATS RTE KR700 **CLSD** WI SEGMENT POKKO-GUGGU.

F) 450M AMSL G) 700M AMSL



K9657/22

19-21 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 553000N0322100E-553200N0322200E-553100N0322600E-
553500N0322600E-554500N0323800E-554500N0324400E-
554100N0324100E-553400N0323200E-552500N0323100E-
551300N0321900E-550200N0322000E-544400N0322300E-
544400N0321700E-550100N0321200E-551400N0321200E-
552700N0322500E-552900N0322100E-553000N0322100E
350M AMSL-750M AMSL.

2. WI CIRCLE RADIUS 1KM CENTRE 552938N0322217E
GND-750M AMSL.

3. WI CIRCLE RADIUS 1KM CENTRE 550106N0321605E
GND-750M AMSL.

F) GND G) 750M AMSL

K9661/22

19-21 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 554500N0323800E-554500N0324400E-555200N0325600E-
555600N0325500E-554500N0323800E
370M AMSL-670M AMSL.

2. WI CIRCLE RADIUS 1KM CENTRE 555106N0325103E
GND-670M AMSL.

F) GND G) 670M AMSL

K9660/22

19-21 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 570300N0313400E-565700N0314700E-565200N0314900E-
564100N0320600E-564000N0321300E-563900N0321400E-
563700N0321200E-563400N0321600E-563100N0321000E-
565000N0314300E-565400N0313900E-570000N0312500E-
570300N0313400E
350M AMSL-800M AMSL.

2. WI CIRCLE RADIUS 1KM CENTRE 563916N0321247E
GND-800M AMSL.

F) GND G) 800M AMSL

K9659/22

19-21 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 543800N0322500E-543800N0322000E-544400N0321700E-
544400N0322300E-543800N0322500E
370M AMSL-700M AMSL.

2. WI CIRCLE RADIUS 1KM CENTRE 543900N0322200E
GND-700M AMSL.

F) GND G) 700M AMSL

K9658/22

19-21 0600-1700

AIRSPACE **CLSD** AS FLW:

1. AREA: 555600N0325500E-561400N0324200E-562200N0322800E-
562800N0322500E-563400N0321600E-563100N0321000E-
562600N0321900E-562100N0322100E-561200N0323700E-
555800N0324700E-555500N0325300E-555600N0325500E
370M AMSL-710M AMSL.

2. WI CIRCLE RADIUS 1KM CENTRE 562828N0321700E
SFC-710M AMSL.

F) SFC G) 710M AMSL



K9674/22

19-22 0500-1800

AIRSPACE **CLSD** AS FLW:

1. AREA: 575142N0413723E-575234N0413812E-575117N0414341E-
575305N0414547E-575000N0420804E-575019N0421601E-
574713N0421209E-574746N0420000E-575009N0414013E-
575142N0413723E

500M AMSL-700M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 574955N0415304E

SFC-700M AMSL.

F) SFC G) 700M AMSL

K9498/22

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 1KM CENTRE 542927N0395500E

SFC-300M AMSL.

2. AREA: 543600N0395600E-543400N0410000E-542400N0410000E-
542600N0401400E-541500N0401500E-541400N0394900E-
543200N0394700E-543600N0395600E

300M AMSL-7500M AMSL.

3. AREA: 543400N0410000E-542700N0433400E-541800N0432500E-
542400N0410000E-543400N0410000E

3000M AMSL-7500M AMSL.

4. AREA: 542600N0401400E-542400N0410000E-541500N0401500E

1000M AMSL-7500M AMSL.

F) SFC G) 7500M AMSL

K9412/22

18-20 0500-1800

AIRSPACE **CLSD** AS FLW:

1. WI CIRCLE RADIUS 0.5KM CENTRE 562300N0391500E

SFC-700M AMSL.

2. WI 0.5KM EITHER SIDE OF LINE JOINING POINTS:

562232N0391446E-562452N0390154E-562437N0385719E-562306N0385406E-
562302N0385022E-562149N0384653E-562306N0384531E-562149N0384653E-
562140N0384504E-562055N0384349E-562007N0384451E-561852N0384434E-
561836N0384349E-561852N0384434E-562007N0384451E-562055N0384349E-
562045N0384329E-562036N0383853E-562013N0383757E-562006N0383710E-
562119N0383546E-562006N0383710E-561920N0383152E.

650M AMSL-700M AMSL.

F) SFC G) 700M AMSL

K9373/22

DAILY 0600-2300

RESTRICTED AREA ACT: UUR357.

F) GND G) FL150

K9361/22

16-21 0300-1800

AIRSPACE **CLSD** AS FLW:

1. AREA: 511700N0424300E-511500N0424400E-510500N0423100E-
511100N0422700E-511700N0424300E

450M AMSL-850M AMSL.

2. WI CIRCLE RADIUS 0.5KM CENTRE 510900N0423100E

SFC-750M AMSL.

F) SFC G) 850M AMSL



K9291/22

15-20 0300-1800

AIRSPACE **CLSD** AS FLW:1. WI CIRCLE RADIUS 0.5KM CENTRE 510100N0423500E
SFC-800M AMSL.2. WI CIRCLE RADIUS 0.5KM CENTRE 504400N0425100E
SFC-800M AMSL.

3. WI 2.25KM EITHER SIDE OF LINE JOINING POINTS:

510100N0423500E-505500N0424500E-505900N0424800E-505300N0424700E-
504800N0425800E-504500N0425900E-504400N0425100E.

400M AMSL-800M AMSL.

F) SFC G) 800M AMSL

U1560/22

TEMPO **DANGER** AREA ACT:

434800N 0392400E-433000N 0303500E-441500N 0302500E-

450900N 0295900E-452500N 0293400E-451300N 0284400E-

453000N 0283100E-462300N 0290700E-462500N 0300700E-

480000N 0290900E-482700N 0274300E-482500N 0264800E-

474800N 0250000E-480300N 0225900E-482500N 0220900E-

490200N 0225100E-493300N 0224400E-502500N 0240400E-

513200N 0233600E-515632N 0233808E-515930N 0240805E-

523414N 0262109E-521639N 0314019E-531120N 0312620E-

530320N 0321000E-532640N 0324600E-534800N 0314700E-

540200N 0315300E-542400N 0311600E-543700N 0351500E-

540330N 0352000E-541400N 0373600E-524400N 0412200E-

484700N 0435700E-474400N 0433900E-475000N 0465300E-

461300N 0474300E-440700N 0491000E-453800N 0412200E-

434800N 0392400E.

F) SFC G) UNL



U1561/22

-LENIR, B945 ZENZELI NDB(UP)-AMKOL, B947 TAMAK-PARAT, B949
SMOLENSKAYA NDB(SM)-MOBIT, B950 LAMET-SMOLENSKAYA NDB(SM), B967
ROKMO-DOBEK, B967 SUPED-NUGRI, G118 EGORLYKSKAYA NDB(ER)-KRASNYY
SULIN NDB(KL), G128 NATIT-EGORLYKSKAYA NDB(ER), G247
OGURA-SMOLENSKAYA NDB(SM), G364 TOKNO-GAMTU, G476 REDMA-OLGIN,
G481 NIRGA-TONGI, G487 ZELENGA NDB(ZG) -UGBES, PART 1 OF 4,
U1561/22 NOTAMN, Q) UUXX/QARLC/IV/NBO/E/000/999/4849N04126E560, A)
UUWV URRV URFV PART 2 OF 4 B) 2212150045 C) 2212210045

ATS RTE SEGMENTS **CLSD**:

A100 KRASNYY SULIN NDB(KL)- ARNAD
A102 BABUR-NALEM
A225 GUKOL-TIKNA
A245 ANAKA-ARNAD
A277 GAMAN-LAMET
A712 TAMAK-DIBRO
A805 GAMAN-PIRIL
A808 BASED-AMEPU
A813 KENEN-KRASNYY SULIN NDB(KL)
A87 TAMAK-AZABI
A901 EGORLYKSKAYA NDB(ER)-NIRGA
A902 PARAT-DIBRO
A914 KONSTANTINOVSK NDB(KA)-BAGAYEVSKIY NDB(BA)
A915 UPADA-BEBID
A916 MOROZOVSK VORDME(MOR)-GAMTU
A917 UNRID-INBAL
A924 DERUG-RALAN
A961 SMOLENSKAYA NDB(SM)-ELISTA VORDME(ELI)
A962 NETMI-KULED
A963 STAVROPOL/SHPAKOVSKOYE VORDME(STW)-NEPUT
A964 PETUM-NOKLI
B145 EGORLYKSKAYA NDB(ER)-UST-LABINSK NDB(NZ)
B147 REDMA-TISOM
B238 AMDEL-TEDRU
B367 LIMAS-MOBIT
B450 OGURA-OLPIS
B491 RANIS-PALER
B493 FASAD-TIKNA
B494 OLGIN-LEGNA
B549 RENAT-IRGID
B820 KRASNODAR/PASHKOVSKY VORDME(KND) -LENIR
B945 ZENZELI NDB(UP)-AMKOL
B947 TAMAK-PARAT
B949 SMOLENSKAYA NDB(SM)-MOBIT
B950 LAMET-SMOLENSKAYA NDB(SM)
B967 ROKMO-DOBEK
B967 SUPED-NUGRI
G118 EGORLYKSKAYA NDB(ER)-KRASNYY SULIN NDB(KL)
G128 NATIT-EGORLYKSKAYA NDB(ER)
G247 OGURA-SMOLENSKAYA NDB(SM)
G364 TOKNO-GAMTU
G476 REDMA-OLGIN
G481 NIRGA-TONGI
G487 ZELENGA NDB(ZG) -UGBES
PART 1 OF 4
U1561/22 NOTAMN
Q) UUXX/QARLC/IV/NBO/E/000/999/4849N04126E560
A) UUWV URRV URFV PART 2 OF 4 B) 2212150045 C) 2212210045
E) G534 GOTIL-TOROS
G822 SOTUB-OLENA
G823 TOKNO-RIDLA
G835 RIDLA-TIBET



G900 OBABI-LODBI
G901 RUTEP-VOLGOGRAD/GUMRAK VORDME(WGD)
G904 FASAD-UNRID
G918 KULED-NOSAK
G919 TIKHORETSK NDB(UH)-KULOM
G923 ELISTA VORDME(ELI)-OLPIS
L4 OSBEM-TITAG
L4 LINRU-KUBOK
L749 BUGOR-DOSED
L850 TISOM-BAMUP
L851 ADINA-ROMOK
L856 GODBI-SALAR
L91 KARAT-KEPED
L96 TISOR-TIMTU
L98 LOGBO-KUGOS
L981 POGOD-SOBLO
L99 TUREL-SOBLO
M136 MAPUT-AMDAN
M406 TISOM-OTPOL
M435 LAROM-RASIL
M54 UMSIS-DIMOB
M55 TOBLO-ABUTO
M63 LUMAT-UTALU
M64 LULED-LUMAT
M747 TALAM-MAPUT
M850 NIKOLA NDB(NL)-IPKOR
M853 REBKO-UTOMU
M853 NALEG-TUMIT
M854 SUGUL-RASIL
M856 DIGAM-ROMOK
M860 DIGAM-KUGOS
M861 BIRMA-ROMOK
M986 TIRAS-ABUTO
M987 KUBOK-LUGIL
M995 ROROL-FORMA
N156 MASOL-SUPUD
N166 UMSIS-EMGER
N180 RONIT-SUPUD
N181 OBARO-PIMEN
N190 GEMRO-PALER
N191 BUSAP-GAMAN
N50 LASKA-LIDUS
N50 OBABI-UDAPO
N604 INKOM-NIBTA
N604 GOBUN-LUGIL
N609 GODBI-ULNER
N613 SOGTA-INKOM
N72 TURAT-VOLGOGRAD/GUMRAK VORDME(WGD)
N72 NOKLI-KUDAS
N82 NIRGA-RODAT
P142 GOBUN-ELRIS
P148 TUMIT-UMKEL
P163 RINGU-DOSED
P29 SUBOG-SUMOL
END PART 2 OF 4

P29 BERUN-FORMA
P567 OLENA-OTRAD
P604 RUKIN-GIMKI
P987 GUMLA-BETEG
R122 ELISTA VORDME(ELI)-AZABI
R230 OLENA-RUTEP



R242 ABLOG-AMEPU
R710 ZELENGA NDB(ZG) -ROKMO
R720 ROSTOV-NA-DONU/PLATOV VORDME(ROS) -MOROZOVSK VORDME(MOR)
R807 NIRGA-TONGI
T145 INRUG-ARNAD
T248 RALUR-NIKOLA NDB(NL)
T273 ASKIL-DIVEK
T294 GODBI-ABUTO
T296 BERUN-BUKUB
T322 UBONA-TENRI
T323 UBONA-BUKUB
T325 UNORI-LEKDO
T344 TURAT-OBARO
T379 DERFU-DOSAB
T383 ELRIS-ASDES
T384 BEPLU-INKIN
T386 PETUK-ATLOG
T387 AMAMU-OLARA
T461 LIMPI-OLFID
T464 INBUS-GODBI
T469 BERUN-TENRI
T502 TISOM-NIKOLA NDB(NL)
T504 SUGUL-BERTU
T515 INBAK-MABEP
T521 INBUS-OBARO
T535 MABIR-NULNA
T542 RIRAB-AMAMU
T555 RENAT-ROMOK
T557 TISNI-BERUN
T561 LOGMU-GODBI
T611 PEPOR-RAMUT
T614 LINRU-OSPER
T628 NEGLE-RAMUT
T685 NISUT-RENAT
T687 OLENA-NISUT
T688 NEROB-TOKNO
T748 KANON-RINGU
T795 OBESI-UROBI
T817 ARNAD-SIMFEROPOL VORDME(SI)
T828 EMGAS-NIBIM
T829 ANIGI-AMKAT
T832 EMGAS-ATLOG
T835 UNIGA-NETOT
W316 ANAKA-AMEPU
W323 VOLGOGRAD/GUMRAK VORDME(WGD) -KONSTANTINOVSK NDB(KA)
W343 SMOLENSKAYA NDB(SM) -ANAKA
W54 UST-LABINSK NDB(NZ) -PELEM
PART 3 OF 4
U1561/22 NOTAMN
Q) UUXX/QARLC/IV/NBO/E/000/999/4849N04126E560
A) UUVV URRV URFV PART 4 OF 4 B) 2212150045 C) 2212210045
E) W70 ANAKA-AMEPU
W79 AMEPU-ULKOT
W93 RYAZANSKAYA NDB(XT) -KURAD
KR702 TISNI-POSTO
KR708 RONUM-OKTYABRSKIY NDB(FE)
KR841 PILOK-APSOK
KR843 GIKSU-PIMEN
KR844 GIBRA-PEMIP
KR845 ORTOG-ROKBU.
F) SFC G) UNL
END PART 4 OF 4



K8796/22
08 09 15 16 22 23 0500-1730
AIRSPACE **CLSD** WI CIRCLE RADIUS 2KM CENTRE 535000N0393400E.
F) SFC G) 450M AMSL

K8050/22
01-03 05-10 12-17 19-24 26-31 0400-2000
RESTRICTED AREA ACT: UUR408.
F) 1850M AMSL G) 3050M AMSL

K8049/22
01-03 05-10 12-17 19-24 26-31 0400-2000
RESTRICTED AREA ACT: UUR422.
F) 400M AMSL G) 3050M AMSL

K8048/22
01-03 05-10 12-17 19-24 26-31 0400-2000
RESTRICTED AREA ACT: UUR230.
F) 400M AMSL G) FL200

K8054/22
01-03 05-10 12-17 19-24 26-31 0400-2000
AIRSPACE **CLSD** WI 5KM EITHER SIDE OF LINE JOINING POINTS:
553100N0362600E-551900N0353700E-551700N0351200E-
545500N0354700E-545800N0361000E.
F) 900M AMSL G) 1500M AMSL

K8053/22
01-03 05-10 12-17 19-24 26-31 0400-2000
RESTRICTED AREA ACT: UUR410.
F) 1500M AMSL G) FL200

K8052/22
01-03 05-10 12-17 19-24 26-31 0400-2000
RESTRICTED AREA ACT: UUR418.
F) 1850M AMSL G) FL400

K8051/22
01-03 05-10 12-17 19-24 26-31 0400-2000
RESTRICTED AREA ACT: UUR409.
F) 400M AMSL G) FL130

K8056/22
01-03 05-10 12-17 19-24 26-31 0400-2000
AIRSPACE **CLSD** WI 5KM EITHER SIDE OF LINE JOINING POINTS:
553700N0363900E-554300N0353300E-551200N0352700E-553700N0363900E-
545800N0360600E-551200N0352700E-553700N0363900E
F) 600M AMSL G) 1200M AMSL

K8055/22
01-03 05-10 12-17 19-24 26-31 0400-2000
AIRSPACE **CLSD** WI AREA 5KM EITHER SIDE OF LINE:
553700N0363900E-560500N0364800E-554300N0353300E-
553100N0360700E-553700N0363900E.
F) 600M AMSL G) 1200M AMSL

K8623/22
01 02 05-09 12-16 19-23 26-30 0300-2300, 03 10 17 24 31 0300-,
1100
RESTRICTED AREA ACT: UUR344.
F) GND G) 3700M AGL

K8348/22
01 02 05-09 12-16 19-23 26-30 0000-2359, 03 10 17 24 31 0000-,
1600
RESTRICTED AREA ACT: UUR244.
F) GND G) FL100

K8349/22
01 02 05-09 12-16 19-23 26-30 0000-2359, 03 10 17 24 31 0000-,
1600
RESTRICTED AREA ACT: UUR245.
F) FL360 G) FL400

K8350/22

01 02 05-09 12-16 19-23 26-30 0000-2359, 03 10 17 24 31 0000-,
1600

RESTRICTED AREA ACT: UUR238.

F) FL100 G) FL360

U1451/22

REF AMDT 12/22 TO AIP RUSSIA PAGE. ENR 5.1-82:

RESTRICTED AREA UUR271: LATERAL LIMITS TO READ

541800N 0314300E - 543200N 0315500E - 543900N 0324300E -

543900N 0334600E - 543600N 0334600E - 540400N 0334600E -

534600N 0321900E - 541800N 0314300E INSTEAD OF PUBLISHED.

U0885/22

RESTRICTED AREA UUR221:

VERTICAL LIMITS FL070-FL280 ESTABLISHED INSTEAD OF PUBLISHED.

REF AIP RUSSIA PAGE ENR 5.1-78.

G0165/22

GBAS TVER/ZMEYEVO UUBN 113.000 CH 22255

(564940.6N 0354848.6E) **U/S** DUE TO TECR

U0732/22

MOSCOW/SHEREMETYEVO DVORDME: FREQ 114.350 MHZ ESTABLISHED,

FREQ-CODE CH 90Y, DESIGNATOR MR INSTEAD OF PUBLISHED.

REF AIP PAGE ENR 4.1-6, ENRC 3,4.

U0718/22

LYSKOVO **NDB** 564 KHZ (560025N 0450129E): AMEND CALL SIGN TO READ HD
INSTEAD OF OK.

REF AIP PAGE ENR 4.1-5.

U0387/22

COMMUTER RTE KR 909 SEGMENTS EXCLUDED:

- NCRP EMOG (555436N 0373429E) - CRP CHELOBITYEVO **NDB** (BP)
(555402N 0374021E),

- CRP CHELOBITYEVO **NDB** (BP) (555402N 0374021E) - CRP NAGGO
(554936N 0375000E).

SEGMENTS ESTABLISHED INSTEAD OF EXCLUDED:

- NCRP EMOG (555436N 0373429E) - CRP TRIAR (555343N 0374023E),

- CRP TRIAR (555343N 0374023E) - NCRP ELLEZ (555338N 0374219E),

- NCRP ELLEZ (555338N 0374219E) - CRP NAGGO (554936N 0375000E). ON

ABOVE SEGMENTS ESTABLISHED:

UPPER/LOWER LIMIT ALT - 450 M/1500 FT -

300 M/1000 FT, WIDTH KR 909 - 2 KM, ALT OF THE HIGHEST OBSTACLE -

263 M, CONTROLLING ATS UNIT - SHEREMETYEVO TWR 119.300 MHZ.

REF AIP RUSSIA ENR 3.3.1-22.

U0388/22

ON COMMUTER RTE KR 908 CRP TRIAR (555343N 0374023E) ESTABLISHED
INSTEAD OF CRP CHELOBITYEVO **NDB** (BP) (555402N 0374021E).

CRP IBKUL (555746N 0374603E) - CRP TRIAR (555343N 0374023E)

207/027 MAG TRACK, DIST 9.6 KM.

ON ABOVE SEGMENT ESTABLISHED:

ALT OF UPPER LIMIT/LOWER LIMIT - 350 M/1200 FT - 350 M/1200 FT,

WIDTH OF KR 908 - 2 KM, ALT OF THE HIGHEST OBSTACLE - 406 M,

CONTROLLING ATS UNIT - SHEREMETYEVO TWR 119.300 MHZ.

REF AIP RUSSIA ENR 3.3.1-21.

U0164/21

COM RTE KR 700, KR 712, KR 806, KR 843, KR 844: NOTE

'ATS IS PROVIDED IN RUSSIAN' DELETED.

REF AIP RUSSIA ENR 3.3.1-6, ENR 3.3.1-8, ENR 3.3.1-9,

ENR 3.3.1-17.

U0166/21

COMMUTER ROUTE OPEN FOR INTERNATIONAL FLIGHTS KR 708:

IN NOTE TO READ,, SEGMENT RONUM-OSTEB ATS IS PROVIDED IN RUSSIAN,,
INSTEAD OF PUBLISHED.

REF AIP RUSSIA ENR 3.3.1-8.



U0167/21

COMMUTER RTE OPEN FOR INTERNATIONAL FLT KR 700, KR 702, KR 708, KR 712, KR 806, KR 843, KR 844: KALUGA LCU FREQ 3920 KHZ **WITHDRAWN**.
REF AIP RUSSIA ENR 3.3.1-6, ENR 3.3.1-7, ENR 3.3.1-8, ENR 3.3.1-9, ENR 3.3.1-17.

U0168/21

COM RTE KR 702:
NOTE ''SEGMENT TISNI - SKURYGINO **NDB** (DR) ATS IS PROVIDED IN RUSSIAN'' DELETED.
REF AIP RUSSIA ENR 3.3.1-7.

U0117/21

ON ATS RTE T535 SEGMENTS:
NCRP OKNAN - CRP ATBEM, FL150/FL530,
CRP ATBEM - NCRP IBROT, FL070/FL530.
LIMITATION ,,AVAILABLE ON COORDINATION WITH ATC UNIT,,
NOT APPLICABLE.
REF AIP RUSSIA ENR 3.2-311.

=====
AREA ENROUTE DEPARTURE - DESTINATION
=====

ULLL ST PETERSBURG FIR

Please see section EXTENDED AREA AROUND DESTINATION



[Company NOTAM]

=====

CREW ALERT

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SB007/14

SUBJECT: AUTO COST INDEXES

WHEN PLANNING A COST INDEX, 2 OPTIONS ARE AVAILABLE. PILOTS MAY EITHER SELECT A SPECIFIC COST INDEX NUMBER FROM THE LIST, OR THEY MAY SELECT "AUTO". WHEN PLANNING AN "AUTO" COST INDEX, THE SYSTEM WILL REFERENCE THE SCHEDULED "TIME ENROUTE" OPTION AND ATTEMPT TO CHOOSE A COST INDEX WHICH CLOSELY MATCHES THIS VALUE. NOTE THAT THE "TIME ENROUTE" OPTION IS MEANT AS A GATE TO GATE TIME (AS INDICATED ON AN AIRLINE'S FLIGHT SCHEDULE, FOR EXAMPLE). IF A "TIME ENROUTE" OF 2:30 IS SELECTED, THE SYSTEM WILL SUBTRACT THE TAXI TIMES FROM THIS VALUE TO DETERMINE THE SCHEDULED AIR TIME. IT WILL THEN DETERMINE AND USE THE COST INDEX WHICH MATCHES THIS AIR TIME.

SB003/13

SUBJECT: FLIGHT RELEASE UNITS

ALL FLIGHT CREW: PLEASE PAY SPECIAL ATTENTION TO THE UNITS SELECTION WHEN GENERATING A FLIGHT PLAN. FAILURE TO IDENTIFY THE CORRECT UNITS WHEN REFUELING PRIOR TO FLIGHT CAN RESULT IN DEPARTING WITH INSUFFICIENT FUEL AND/OR AN ERRONEOUS PAYLOAD.

=====

CREW BULLETIN

=====

NIL

===== END OF LIDO-NOTAM-BULLETIN =====



- Not for real world navigation -