

**NEGARA BRUNEI DARUSSALAM**

**AERONAUTICAL INFORMATION**

<b>AERODROME</b>		<b>PRE-FLIGHT INFORMATION BULLETIN</b>			
Briefing Id	B2100002	Date/Time	21SEP21 1250		
Period	22SEP21 0000 TO 22SEP21 2359				
Briefing includes <b>BIRDTAM ASHTAM NOTAM</b>					
Subject		Purpose	+B +BO +NB +NBO +M +NM	Traffic	+I +IV
AERODROME	WBSB WBAK WBKK WBKL WBKS WGBB WBGJ WBGR WBGs WBKW WBMU WBGg WMKK WMKJ WAAA WIHH WADD WARR				

**AIS INFORMATION**

**WBSB (BRUNEI INTL)**

<b>AGA</b>	<b>B) 2109120000</b> E) STOPBAR AND LEAD ON LIGHTS AT E1, E3, E4 AND E5 IS UNDER ABNORMAL OPERATIONAL STATUS. ALL ACFT TO FOLLOW ATC INSTRUCTIONS.	<b>C) 2112112359</b>	<b>(B0612/21)</b>
<b>AGA</b>	<b>B) 2109011730</b> D) SEP 01-03 06-10 13-17 20-24 27-30 1730-2359 SEP 04-05 11-12 18-19 25-26 0000-2359 E) ALL COMMERCIAL AND GA FLT INCLUDING TECH STOP TO AND FM BRUNEI ARE REQUIRED TO NOTIFY THE AIRPORT AUTHORITY AT LEAST THREE (3) HRS IN ADVANCE. DRG THESE PERIODS DO NOT NOMINATE WBSB AS ALTN AD.	<b>C) 2109302359</b>	<b>(B0600/21)</b>
<b>AGA</b>	<b>B) 2108070550</b> E) DUE TO THE TEMPORARY WITHDRAWAL OF DVOR 'BRU' FREQ 112.0 MHZ, NDB 'BR' FREQ 318 KHZ IS AVBL AS AN ALTERNATIVE. ARRIVING ACFT SHALL EXPECT RADAR VECTURING FOR AN ILS RWY 03/21 OR NDB RWY 03 APCH ONLY. FOLLOWING A MISSED APCH, PILOT IS TO ADHERE TO INSTRUCTION GIVEN BY ATC.	<b>C) 2110010200</b>	<b>(B0562/21)</b>
<b>CNS</b>	<b>B) 2107310000</b> D) EV SAT 0000-0830 E) WEEKLY MAINT PERIOD FOR ILS/DME 03 AND 21 CHANGED FROM TUESDAYS TO SATURDAYS	<b>C) 2110020830</b>	<b>(B0533/21)</b>
<b>CNS</b>	<b>B) 2107190900</b> E) DVOR/DME 'BRU' FREQ 112.0MHZ CH57X WITHDRAWN TEMPORARILY DUE TO REPLACEMENT AND INSTALLATION OF NEW DVOR.	<b>C) 2110010200</b>	<b>(B0495/21)</b>
<b>OTH</b>	<b>B) 2101040100</b> E) RVR(RWY VISUAL RANGE) U/S.	<b>C) 2111302359</b>	<b>(B0017/21)</b>
<b>NAV</b>	<b>B) 2109200000</b> D) DLY 0000 - 0400 0600 - 0800 E) UAV ACT WILL TAKE PLACE WI THE JOINTED LINE COORDS:- 043137N1143319E - 043136N1143602E - 042716N1143319E - 042716N1143601E (KAMPONG BUKIT KANDOL, BELAIT) F) GND G) 394FT AGL	<b>C) 2110200800</b>	<b>(B0620/21)</b>
<b>NAV</b>	<b>B) 2109110000</b> D) 0000-0800 E) UAV ACT AT KKP WASAN PSN JOINT LINE 044808N1144830E - 044743N1144936E - 044603N1144858E - 044628N1144752E F) GND G) 300FT AGL	<b>C) 2110110800</b>	<b>(B0610/21)</b>
<b>NAV</b>	<b>B) 2109030000</b> D) SEPT 03 05 10 12 17 19 24 26 0000-0330 0600-0900 E) UAV ACT WILL TAKE PLACE WI COORDS CONNECTED AT:- 050232N1150357E - 050232N1150910E - 045841N1150905E - 045839N1150410E - 050232N1150357E (PULAU MUARA BESAR) F) GND G) 400FT AGL	<b>C) 2109260900</b>	<b>(B0455/21)</b>
<b>NAV</b>	<b>B) 2108190100</b> D) AUG 19, SEP 09, OCT 14 BTN 0100-0300 E) UAV ACT WILL TAKE PLACE WI RAD 200M CENTRED ON FOLLOWING COORDS:- 1.045849N1150040E 2.045846N1150040E (MENGKUBAU HOUSING PLAN) F) GND G) 100FT AGL	<b>C) 2110140300</b>	<b>(B0573/21)</b>
<b>NAV</b>	<b>B) 2108020100</b> D) AUG 02 04 06 09 11 13 16 18 20 23 25 27 30 0100-0300 SEPT 01 03 06 08 10 13 15 17 20 22 24 27 29 0100-0300 E) UAV ACT WILL TAKE PLACE WI RAD 200M CENTRED ON COORDS POSN 050030N1150355E (SERASA INDUSTRIAL PARK) F) GND G) 328FT AGL	<b>C) 2109290300</b>	<b>(B0407/21)</b>

**WBAK ()**

<b>AGA</b>	<b>B) 2109132200</b> E) STAND 5 SHALL BE CLSD DUE TO WIP ON APRON TWY C AND STAND 6 MAY BE USED TO CATER FOR ACFT EXPERIENCING EMERGENCIES SUBJ TO ATC CLRN. STD 1, 2 AND 4 SHALL BE USED FOR OPERATIONAL HELICOPTER MOVEMENT SUBJ TO ATC CLRN.	<b>C) 2110032359</b>	<b>(B0613/21)</b>
<b>AGA</b>	<b>B) 2109010700</b> D) - E) KUALA BELAIT HELIPAD COORD 043523N1141106E CLSD UFN	<b>C) 2110202359</b>	<b>(B0604/21)</b>
<b>AGA</b>	<b>B) 2106100400</b> E) BIRDS CONCENTRATION IN THE VICINITY OF THE RWY AND AD. PILOT TO EXER CTN DRG LDG AND TKOF.	<b>C) 2112312359</b>	<b>(B0381/21)</b>
<b>OTH</b>	<b>B) 2109010330</b> E) WINDSOCK RWY 05 NOT AVBL DUE U/S.	<b>C) 2109302359</b>	<b>(B0603/21)</b>
<b>OTH</b>	<b>B) 2108270400</b> E) WINDSOCK LGT RWY 23 NOT AVBL DUE U/S.	<b>C) 2109272359</b>	<b>(B0598/21)</b>
<b>OTH</b>	<b>B) 2107010100</b> E) PRESENCE OF YELLOW COLOUR WEIGHT WITH DIMENSION OF ABOUT 24' BY 24' WITH WEIGHT OF 500 POUNDS LOCATED AT THE SIDE OF ENTRANCE TWY C.	<b>C) 2112312359</b>	<b>(B0435/21)</b>
<b>OTH</b>	<b>B) 2106100350</b> E) PRESENCE OF WHITE COLOUR MARKERS LOCATED FM THR LEFT HAND SIDE OF RWY05 DIST OF 100M, 200M, 300M, 400M AND ON LEFT HAND SIDE OF RWY23 DIST OF 100M, 200M AND 300M.	<b>C) 2112212359</b>	<b>(B0380/21)</b>
<b>NAV</b>	<b>B) 2109010000</b> D) 0000-1000 E) DRONE / UAV OPS AT THYSSENKRUPP PLANT SITE POSN JOINT LINE 044030N1142900E - 044226N1142858E - 044102N1142845E - 044109N1142843E - 044122N1142842E - 044157N1142851E - 044227N1142858E F) GND G) 328FT AGL	<b>C) 2109301000</b>	<b>(B0578/21)</b>

**WBKK (KOTA KINABALU)**

<b>AGA</b>	<b>B) 2109060245</b> E) TWY E EDGE LGT U/S.	<b>C) 2110312359</b>	<b>(D0981/21)</b>
<b>AGA</b>	<b>B) 2108291000</b> E) BAY NO 5A,5B,6A,6B CLSD	<b>C) 2110312359</b>	<b>(D0951/21)</b>
<b>AGA</b>	<b>B) 2108291000</b> E) RWY CL LGT ON ALTN.	<b>C) 2110312359</b>	<b>(D0953/21)</b>
<b>AGA</b>	<b>B) 2108280000</b> E) AD RFFS DOWNGRADED TO CAT 7 RMK:AD RFFS WILL BE UPGRADED TO CAT 9 UPON RECEIVING NOTIFICATION FOR CODE E ACFT OPS WI 24 HR.	<b>C) 2110312343</b>	<b>(D0947/21)</b>
<b>AGA</b>	<b>B) 2108010000</b> E) AUTOMATIC WX OBSER	<b>C) 2110312359</b>	<b>(D0754/21)</b>
<b>AGA</b>	<b>B) 2107240154</b> E) GEN HELIPAD LCA ON THE DESIGNATED GRASS AREA OPPOSITE TWY J, DIMENSION 30FT X 30FT RETANGULAR,177M FM RWY CL,SFC ASPH AND MARKED WITH W LETTER 'H'.COORD 055530.3N 1160239.2E	<b>C) PERM</b>	<b>(D0734/21)</b>
<b>AGA</b>	<b>B) 2107021030</b> E) TXL BAY 5-6 AND S PORTION OF TWY J CLSD.NEW TEMPO DIV GUIDANCE LINE FM BAY 4-7. RMK:PILOT STRICTLY TO FLW THE NEW GUIDANCE LINE.CLSD AREA WILL BE MARKED AND LGTD	<b>C) 2110021030</b>	<b>(D0674/21)</b>

CNS	B) 2107010000 E) RADAR PSR WITHDRAWN	C) 2109302359	(D0659/21)
ATM	B) 2106180905 E) STAR RWY 02 WBKK-AIP MALAYSIA PAGE AD 2-WBKK-7-14 AT ALT VETAG AND KABDU TO INSERT BETWEEN FL130 TO FL210.	C) PERM	(D0608/21)
OTH	B) 2109010705 E) TWO TOWER CRANES ERECTED AT 055821.02N 1160404.25E APRX 3100M FM THR RWY 20. CRANES HGT 240FT AMSL	C) 2111302359	(D0972/21)
OTH	B) 2109010628 E) CRANE ERECTED AT 055748.42N 1160411.41E (URBAN TRANSFORMATION CENTER BUILDING, KARAMUNSING). CRANE HGT 300FT AMSL	C) 2111302359	(D0970/21)
OTH	B) 2109010623 E) THREE TOWER CRANES ERECTED AT 055703N 1160338E (AEROPOD, TG ARU), APRX 385M E OF RCL. CRANES HGT 300FT AMSL	C) 2111302359	(D0969/21)
OTH	B) 2109010441 E) FOUR TOWER CRANES ERECTED AT 055820.86N 1160330.82E APRX 2750M FM THR RWY20. 600M W OF EXTD RCL. CRANES HGT 315FT AMSL.	C) 2111302359	(D0967/21)
OTH	B) 2109010435 E) THREE TOWER CRANES ERECTED AT 055445.9N 1160351E APRX 2400M E OF THR RWY02. CRANES HGT 315FT AMSL.	C) 2111302359	(D0966/21)
OTH	B) 2109010414 E) CRANE ERECTED AT 055915.03N 1160442.44E HGT 330FT AMSL.	C) 2111302359	(D0965/21)

**WBKL (LABUAN)**

AGA	B) 2108312200 E) AD OPS HR CHANGED TO 0000-0700.	C) 2109301400	(D0963/21)
AGA	B) 2108311400 E) TWY B CLSD	C) 2110312359	(D0962/21)
AGA	B) 2107010001 E) WIP NEAR TWY B APRX 800FT FM THR RWY 32 AND 300FT RIGHT FROM CL RWY 32.PILOT TO EXER CTN DRG TAX,TKOF AND LDG.	C) 2109302359	(D0654/21)
AGA	B) 2107010001 E) UNEVEN RWY SFC RMK: 1.RWY 32 FM THR MARKER TIL 457M 2.RWY 14 FM THR MARKER TIL 914M PILOT TO EXER CTN DRG TKOF AND LDG	C) 2109302359	(D0655/21)
AGA	B) 2107010001 E) WIP NEAR TWY A.PILOT TO EXER CTN DRG TAX	C) 2109302359	(D0653/21)

**WBKS (SANDAKAN)**

AGA	B) 2108312300 E) AD OPS HRS CHANGED T	C) 2109301400	(D0935/21)
AGA	B) 2108110600 E) GENERAL HELIPAD CLSD.	C) 2111111500	(D0850/21)
AGA	B) 2108110600 E) TURNING PAD ON RWY 08 CLSD.	C) 2111111500	(D0851/21)
AGA	B) 2108110600 E) SALS RWY 08 WITHDRAWN.	C) 2111111500	(D0849/21)
AGA	B) 2108110600 E) RWY 08/26 DECLARED DISTANCE CHANGED TO:	C) 2111111500	(D0855/21)

RWY TORA(M) TODA(M) ASDA(M) LDA(M) RESA(M)  
 08 1923 1923 1923 NU 90 X 90  
 26 1923 1923 1923 1923 90 X 90

AGA B) 2108110600 C) 2111111500 (D0846/21)  
 E) THR LGT RWY 08 WITHDRAWN.

AGA B) 2108110600 C) 2111111500 (D0844/21)  
 E) WINGBAR RWY 08 WITHDRAWN.

AGA B) 2108110600 C) 2111111500 (D0845/21)  
 E) PAPI RWY 08 WITHDRAWN.

AGA B) 2108110600 C) 2111111500 (D0852/21)  
 E) PORTION OF APN BAY 1B CLSD DUE TO CONSTRUCTION WORK.

AGA B) 2108110600 C) 2111111500 (D0848/21)  
 E) ACFT LDG RWY 26 SHALL MAKE 180 DEG TURN ON THE RWY.

CNS B) 2108110600 C) 2111111500 (D0847/21)  
 E) ILS/LOC RWY 08 ISKN FREQ 109.3MHZ WITHDRAWN.

OTH B) 2108110600 C) 2111111500 (D0853/21)  
 E) PRESENCE OF BARRIER LEFT SIDE RWY 26 APRX AT  
 480M FM THR RWY 26 AND 30M FM RCL.

**WBGB (BINTULU)**

AGA B) 2109012200 C) 2109301300 (D0957/21)  
 E) AD OPS HR CHG TO 2300 - 0900

OTH B) 2109160454 C) 2112162359 EST (D1027/21)  
 E) TOWER CRANES HGT 380 FT AMSL, ERECTED WI:

**WBGJ (LIMBANG)**

AGA B) 2109012230 C) 2109301030 (D0960/21)  
 E) AD OPS HR CHG TO 0000-0900

CNS B) 2107280600 C) 2110280600 EST (D0743/21)  
 E) LIMBANG TOWER RDO FREQ 118.500MHZ (SRY) U/S

**WBGR (MIRI)**

AGA B) 2109080527 C) 2111081530 (D0989/21)  
 E) AD OPS HR CHG TO 2200-1400

AGA B) 2107280420 C) 2110312359 (D0741/21)  
 E) TO ENABLE ATC TO APPLY MNM SPACING ON FNA THAT WILL ACHIEVE MAX  
 RWY UTILISATION AND MINIMISE THE OCCURRENCE OF GO-AROUNDS. LDG  
 ACFT SHALL EXIT THE LDG RWY WO DLA AT THE FIRST SUITABLE EXIT TWY  
 OR AS INSTRUCTED BY ATC. ACFT LDG RWY 02 THAT IS UNABLE TO EXIT  
 THE LDG RWY VIA AVBL EXIT TWY SHALL STOP AND REVERSE COURSE ON THE  
 RWY ASAP. ACFT THAT NEED TO PROCEED TO THE END OF THE RWY AND  
 REVERSE COURSE ON THE TURNING PAN SHALL INFORM ATC BFR LDG.

AGA B) 2107050829 C) 2110052359 (D0684/21)  
 E) APN DEPRESSION LOCATED NEAR EXIT TWY B1 BTN BAY 4 AND BAY 5.  
 RMK:LARGE ACFT ADZ TO USE TWY B2 WHEN ENTERING OR EXITING THE  
 MAIN APN.

AGA B) 2106301600 C) 2109301600 (D0662/21)  
 E) VDGS BAY 4 U/S.  
 RMK:PILOT TO FLW OR ASSISTED BY MARSHALLER

AGA B) 2105051600 C) PERM (D0414/21)  
 E) STOPBAR LGT FOR TWY A1, A2, A3 AND F DECOMMISSIONED

AGA	B) 2105051600 E) RWY GUARD LGT FOR TWY A1, A2, A3 AND F COMMISSIONED	C) PERM	(D0416/21)
CNS	B) 2109200000 E) GP RWY02 IMR FREQ 334.4 MHZ CH38X U/S	C) 2110192359	(D1042/21)
CNS	B) 2107130338 E) DVOR/DME VMI 112.4MHZ/CH71X U/S. RMK/ACFT TO EXPECT RADAR VECTOR FOR ILS APP RWY02	C) 2109302359	(D0699/21)
OTH	B) 2108290200 D) 1500-2100 E) MOBILE CRANE OPR AT 042020.03N 1135937.05E 042029.34N 1135934.17E CRANE HGT 150FT AGL (MIRI AIRPORT INTERCHANGE)	C) 2110312100	(D0949/21)
OTH	B) 2108290200 E) HVY MACHINERIES PRESENT AT APCH PATH RYW02 COORD 041819.65N 1135843.17E WITH MAX HGT 15FT	C) 2110312359	(D0948/21)

**WBGS (SIBU)**

AGA	B) 2108310144 E) AD OPS HR CHG TO 2200-1000	C) 2109301400	(D0959/21)
CNS	B) 2109220100 E) DVOR/DME VSI 112.2 MHZ CH 59X WITHDRAWN FOR MAINT	C) 2109220900	(D1047/21)
CNS	B) 2106280100 E) RADAR SER OPS HR CHG TO 0000-0900	C) 2109281000	(D0628/21)

**WBKW (FAWAU)**

AGA	B) 2107312300 E) AIR TRAFFIC SERVICES OPS HRS CHG TO 0000-0900.	C) 2109301400	(D0739/21)
AGA	B) 2107260320 E) AD OPS HR CHG TO 0000-0900.	C) 2109301400	(D0738/21)
CNS	B) 2108130709 E) LOC RWY 24 WITHDRAWAL DUE TO U/S	C) 2111131530	(D0863/21)
ATM	B) 2106010558 E) IAP RWY 06 AND RWY 24 WBKW - AIP SUP 18/2021 REGARDING REVISED OF RNP AR APCH PROC FOR RWY 06 AND RWY 24 DATED 06 MAY 2021. APPENDIX A AND APPENDIX B AT PROFILE VIEW RDH 50FT TO READ AS RDH 54FT.	C) PERM	(D0545/21)

**WBMU (MULU)**

AGA	B) 2109022215 E) AD OPS HRS CHANGE TO 0000-0800	C) 2110311003	(D0950/21)
AGA	B) 2108211030 E) RWY DEPRESSION AND POT HOLE LOCATED 200M RIGHT HAND FM OLD RWY TURN PAD TOWARDS RWY 21 RMK:PILOT TO EXER CTN DRG TAXI IN OR OUT	C) 2111211030	(D0889/21)
AGA	B) 2108191600 E) CRACK SFC ON THE RIGHT AND LEFT SIDE OF TWY.EST 15M TO 35M NEAR HLDG POINT.	C) 2111191600	(D0878/21)
CNS	B) 2108040027 E) DVOR/DME VZU FREQ 112.8 MHZ CH75X U/S	C) 2111042359	(D0773/21)

**WBGG (KUCHING)**

AGA	B) 2109210001 E) TWY E EDGE LGT AND DISPERSAL LGT U/S CORAL LIGHT AVBL UPON REQ 2 HRS BEFORE ARR	C) 2110212359	(D1041/21)
AGA	B) 2108300033 E) AD RFFS DOWNGRADED TO CAT 7	C) 2111300900	(D0956/21)
CNS	B) 2108160000 E) PSR WITHDRAWN FOR MAINT	C) 2111152359	(D0867/21)
CNS	B) 2107300049 E) ATS UNDER KUCHING AREA CTL (SEC2) WITH RDO FREQ (S) 132.35MHZ(PRI) AND 133.95MHZ(SRY) TEMP WITHDRAWN	C) 2109302359	(D0753/21)
OTH	B) 2108040543 E) CONST CRANE PSN 012736N 1102543E ERECTED 207FT AMSL. 119DEG 7650M FM THR RWY25. LGTDD.	C) 2111042359 EST	(D0776/21)
OTH	B) 2107280412 E) CONST CRANE HGT 265FT AMSL AT COORD 013158N 1102044E(BRG 005 DEG 5.5KM FM WBGG ARP 012907N 1102042E) RMK:(1) CONST CRANE PAINTED Y AND LGTD (2) TWO BLDG HGT 240FT AMSL (72.4M AMSL) UNDER CONST.	C) 2110282359	(D0740/21)

**WMKK (KUALA LUMPUR/SEPANG INTL)**

AGA	B) 2109220800 E) PORTION OF TWY BTN C1 AND INT C3 CLSD	C) 2109221300	(A3433/21)
AGA	B) 2109220800 E) PORTION OF TWY Q BTN INT Q1 AND INT Q5 CLSD	C) 2109221000	(A3429/21)
AGA	B) 2109220800 E) PORTION OF TWY C BTN INT C1 AND INT C3 CLSD. RMK: 1. INT C2 AND INT D2 NOT AVBL FOR ACFT TAX. 2. INT C1 AND INT C3 AVBL FOR ACFT TAX.	C) 2109221300	(A3435/21)
AGA	B) 2109220200 E) TWY S7 CLSD	C) 2109221000	(A3430/21)
AGA	B) 2109220200 E) PORTION OF TWY U3 ABM BAY K12 CLSD RMK: INT U3E NOT AVBL FOR ACFT TAX	C) 2109220900	(A3431/21)
AGA	B) 2109200200 E) TWY U3 BTN ACFT STAND K16 AND TWY Z CLSD	C) 2111290900	(A3392/21)
AGA	B) 2109152200 E) TWY Y CL LGT FM INT Y1 TIL Y4 U/S	C) 2109302200	(A3354/21)
AGA	B) 2109152200 E) STOPBAR AND LEAD IN LGT INT Y1 TIL Y9 U/S	C) 2109302200	(A3356/21)
AGA	B) 2109152200 E) TWY EDGE LGT U5 AND U6 U/S	C) 2109302200	(A3357/21)
AGA	B) 2109152200 E) TWY CL LGT U3,U4,U8 AND U9 ON ALTN	C) 2109302200	(A3352/21)
AGA	B) 2109152200 E) TWY EDGE LGT P,Q AND INT P1 TIL P4 U/S	C) 2109302200	(A3353/21)
AGA	B) 2109152200 E) STOPBAR LGT INT P1 TIL P4 U/S	C) 2109302200	(A3355/21)
AGA	B) 2109151600 D) 15 1600-2359, 18 20 22 24 28 30 0800-1559	C) 2109301559	(A3360/21)

E) RWY 14R/32L CLSD

AGA B) 2109020829 C) PERM (A3159/21)  
E) RECOMMISSION OF AIRCRAFT STAND A4  
REMARKS:  
1. JET BLAST PROC FOR ACFT STAND: ACFT TO BE PUSHED BACK  
TOWED FORWARD TO BREAKAWAY POINT ABM ACFT STAND A6 BFR  
TAXIING OUT.  
2. VDGS FOR ACFT STAND A4: VDGS SAFEDOCK  
3. CRITICAL AIRCRAFT TYPE: A359  
4. ACFT STAND GEO PSN: 024504.78N 1014215.35E

AGA B) 2109012201 C) 2110012200 (A3104/21)  
E) LEAD IN LGT FM INT C1 TIL INT C11 WITHDRAWN FOR MAINT

AGA B) 2109012201 C) 2110012200 (A3103/21)  
E) STOPBAR LGT FM INT C1 TIL INT C11 WITHDRAWN FOR MAINT

AGA B) 2108080445 C) 2109300900 (A2798/21)  
E) TWY L CLSD.

AGA B) 2107312200 C) 2110312359 (A2709/21)  
E) APCH LGT AND RWY LGT RWY 14L/32R AND RWY 14R/32L DOWNGRADE TO CAT  
1

AGA B) 2107310854 C) 2110312359 (A2706/21)  
E) TWY M BTN INT E2 AND E3 CLSD  
RMK: INT E2 AND E3 AVBL FOR ACFT TAX

ATM B) 2109020750 C) PERM (A3161/21)  
E) REF TO AIP MALAYSIA WMKK. ADVISE THAT THOSE PROC OF WMKK IN  
AMDT 03/2021 DATED 12 AUG 2021 ARE SUSPENDED. FOR FLT PROC OF WMKK  
PLS REFER TO AIP SUPP 20/2021 DATED 8 JUN 2021.

ATM B) 2106171800 C) PERM (A2114/21)  
E) STAR RNAV (GNSS) RWY 14L,14R,15 WMKK-AIP SUP 20/2021 REGARDING  
REVISED OF INSTR FLT PROC FOR RWY 14L,14R,15,32R,32L AND 33  
DATED 08 JUNE 2021.COORD WPT AMD AS FLW :  
KK719 READ AS 024037.14N 1020739.56E  
KK845 READ AS 020546.50N 1015913.53E  
KK876 READ AS 022414.16N 1012755.96E  
DAKBA READ AS 032708.65N 1012541.53E  
AMD WPT COORD ACCORDINGLY.

ATM B) 2106171800 C) PERM (A2116/21)  
E) RCF WMKK AIP MALAYSIA PAGE ENR 1.6-5 PARA 1.6.2.6.1  
KL INTERNATIONAL/SEPANG.AMD ITEMS AS FLW :  
C. MNTN THE LAST ASSIGNED ALT OR FL AND PROCEED VIA AWYS,  
THEREAFTER THE APPROPRIATE STAR PUGER 1G, KAKAK 1G, SAROX 1G  
NIREN 1G, GUPTA 1G, SALAX 1G FOR RWY 32R TO EGURI HLDG AREA  
EHA RIGHT TURN, INBD TR 224DEG  
D. COMMENCE DESCEND OVER EGURI HLDG AREA EHA, AT OR AS CLOSE AS  
POSSIBLE TO THE ETA INDICATED IN FPL  
G.II. IN IMC, AT MAPT RWY 32R CARRY OUT MISSED APPROACH, PROCEED  
ON TRACK 326DEG, CMB AND MNTN 7000FT.AT 4DME VKL OR ON PSG 4000FT,  
TURN RIGHT TO KK895. CARRY OUT ILS APCH GNSS APCH FOR RWY 14L.  
H.II. IN IMC, AT MAPT RWY 32R CARRY OUT MISSED APPROACH, PROCEED  
ON TR 326 DEG, CMB AND MNTN 7000FT.AT 4DME VKL OR ON PSG 4000FT,  
TURN RIGHT TO KK893. CARRY OUT ILS APCH GNSS APCH FOR RWY 32L.  
REST NC

ATM B) 2106171800 C) PERM (A2112/21)  
E) STAR RNAV(GNSS) RWY14L,14R,15 WMKK-AIP SUP 20/2021 REGARDING REVISED  
OF INSTR FLT PROC FOR RWY14L, 14R, 15, 32R, 32L AND 33 DATED 08 JUNE  
2021 APPENDIX C-4. AMD WPT RIKMI ALT TO READ AS 10000FT OR ABOVE.  
REST NC.

OTH B) 2109200000 C) 2109250900 (A3422/21)  
D) 0000-0900 DLY  
E) CRANE ERECTED AT MAIN STAND M KLIA,MAX HGT 25M, COORDINATE:  
1. 24330.4N 1014252.7E (BAY M4)  
2. 24332.4N 1014251.2E (BAY M3)  
3. 24328.3N 1014253.8E (BAY M5)



OTH B) 2109100000 C) 2110101100 (A3259/21)  
 E) CRANE ERECTED WITH HGT OF 42M AMSL AT (GAS DISTRICT COOLING  
 KLIA)COORD :  
 1. 024331.5N1014323.5E  
 2. 024329.8N1014320.8E  
 3. 024337.6N1014315.5E  
 4. 024339.5N1014318.3E

**WMKJ (JOHOR BAHRU/SENAI INTL)**

AGA B) 2108090350 C) 2110010900 (A2801/21)  
 E) PORTION OF APN C CLSD DUE WIP.  
 COORD A: 013806.6N 1034003.1E  
 COORD B: 013801.9N 1034004.7E  
 COORD C: 013801.5N 1034003.6E  
 COORD D: 013806.3N 1034002.0E  
 RMK: COLOUR HOARDING AND BARRICADE EQUIP WITH UNSERVICEABILITY  
 LGT PLACED TO DENOTE CLOSURE AREA.

AGA B) 2108090345 C) 2110010900 (A2800/21)  
 E) PARTIAL GA APRON CLSD  
 COORD A: 013829.90N 1033943.82E  
 COORD B: 013831.76N 1033943.24E  
 COORD C: 013832.21N 1033944.52E  
 COORD D: 013830.40N 1033945.16E  
 RMK: PILOT SHALL BE RESPONSIBLE FOR THE SAFETY OF ACFT ON THE APN  
 DRG ENG START UP AND TAX.

CNS B) 2109092330 C) 2112091300 (A3280/21)  
 E) RADAR SVC OPS HR 0000-0900

CNS B) 2109050253 C) 2112050253 (A3189/21)  
 E) NDB JR FREQ 245KHZ U/S.

CNS B) 2109050248 C) 2112050248 (A3188/21)  
 E) VOR/DME VMR FREQ 116.8MHZ/CH115X U/S.

OTH B) 2108090419 C) 2110010900 (A2804/21)  
 E) CRANE OPS WI 50M RADIUS OF  
 013803.7N 1034002.6E (MAIN TERMINAL). HGT 100FT AGL  
 RMK:CRANE MARKED WITH CHEQUERED FLAG AND LGTD  
 :PILOT TO EXER CTN DRG MANOUVERING

**WAAA (MAKASSAR/SULTAN HASANUDDIN)**

AGA B) 2109120253 C) 2109250900 (A2174/21)  
 D) 12 0253-0900, 13-25 0000-0900  
 E) TWY C BTN NORTH APN AND INTERSECTION TWY B AND INTERSECTION TWY SP  
 CLSD DUE TO WIP

AGA B) 2108311204 C) 2109302359 (A2081/21)  
 E) TO AVOID THE SPREAD OF COVID-19, AD HOURS OF SERVICE CHANGED TO  
 2200-1100.  
 RMK: - EXC FOR EMERGENCY FLT, TECH LDG, MILITARY FLT, REPATRIATION  
 FLT,HUMANITARIAN FLT, THE UNITED NATIONS MISSION AND GLOBAL SUPPLY  
 CHAIN SUSTAINABILITY

AGA B) 2107271230 C) 2109301559 (A1817/21)  
 E) PARKING STAND B1, B2, B3, B4 AND B5 CLSD DUE TO WIP

AGA B) 2107150900 C) 2110150900 (A1737/21)  
 E) SEQUENCE FLASHING LGT RWY 13 U/S DUE TO MAINT

NAV B) 2109200100 C) 2109230130 (A2218/21)  
 D) DAILY 0100-0130  
 E) MIL EXER (FLY PASS) BY SU 27/30 WILL TAKE PLACE WI 10NM RADIUS  
 CENTRED ON 050343.68S1193236.97E (GALAKTIKA APN)  
 RMK : ALL TFC SUBJ ATC CLR  
 F) SFC G) 5000FT AMSL

**WIHH (JAKARTA/HALIM PERDANAKUSUMA)**

AGA B) 2109061700 C) 2110061700 (A2136/21)  
 E) TWY C CLSD DUE TO WIP

AGA B) 2106301500 C) 2109300559 (A1638/21)  
 E) RWY 06/24 LIMITED TO ACFT WITH MAX MTOW 80.000KG

ATM B) 2108120000 C) PERM (A1874/21)  
 E) CHANGES INFORMATION RELATED TO WAYPOINT AS FLW :  
 HH402 CHANGED TO HH502  
 HH403 CHANGED TO HH503  
 HH404 CHANGED TO HH504  
 HH405 CHANGED TO HH505  
 REF AIP VOL II AIRAC AIP AMDT 103 DATED 22 APR 21 PAGES WIHH AD  
 2.24-11F1 AND 2.24-11F2

**WADD (BALI INTL)**

AGA B) 2109030619 C) 2110040900 (A2123/21)  
 E) LIDAR VOLCANIC ASH NOT AVAILABLE DUE TO MAINT  
 REF AIP VOL II AMDT 90 DATED 23 APR 20 SUBSECTION WADD AD 2.11  
 METEOROLOGICAL INFORMATION PROVIDED

AGA B) 2109030605 C) 2110040900 (A2120/21)  
 E) WIND PROFILER NOT AVAILABLE DUE TO MAINT  
 REF AIP VOL II AMDT 90 DATED 23 APR 20  
 SUBSECTION WADD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

AGA B) 2108040000 C) 2110042359 (A1880/21)  
 E) ACFT STAND NR A7-A10 CLSD DUE TO OPERATIONAL REASON

AGA B) 2107170433 C) 2110182359 (A1746/21)  
 E) TO AVOID THE SPREAD OF COVID-19, OPERATION HOURS OF AD CHANGED TO  
 2300-1200  
 RMK : EXC FOR EMERGENCY FLT, TECHNICAL STOP, CARGO FLT, REPATRIATION,  
 MEDIVAC FLT, HUMANITARIAN FLT, UNITED NATIONS MISSION, AND GLOBAL  
 SUPPLY CHAIN SUSTAINABILITY

ATM B) 2108120000 C) PERM (A1875/21)  
 E) ADDITIONAL INFORMATION RELATED TO WAYPOINT LIST AS FLW :  
 ORINI COOR 092510S1152027E  
 REF AIP VOL II AMDT 107 PAGE WADD AD 2.24-7B7

**WARR (SURABAYA/JUANDA)**

AGA B) 2109211100 C) 2110202159 (A2239/21)  
 D) DAILY 1100-2159  
 E) AD CLSD DUE TO WIP EXC FOR MEDIVAC HELICOPTER AND MILITARY FLIGHT

AGA B) 2109130600 C) 2112130559 (A2182/21)  
 E) PARKING STAND H4 CLSD DUE TO WIP

AGA B) 2109130600 C) 2112130559 (A2181/21)  
 E) TWY FROM N3N DCT TO PARKING STAND H4 CLSD DUE TO WIP  
 RMK : HEAVY EQUIPMENT PRESENT, HEIGHT ABOVE GROUND MAX 32.8 FT

AGA B) 2109090949 C) 2109301700 (A2166/21)  
 E) PRKG STAND A5, A5T, A7, A8 CLSD DUE TO WIP  
 RMK : TAXILANE BEHIND PRKG STAND A7 AND A8 CLSD

AGA B) 2107190400 C) 2110190359 (A1755/21)  
 E) RWY HOLDING POSITION TWY N1 REPLACE TO TWY NP2 BTN TWY N2 AND TWY  
 N9 DUE TO BUMPY SURFACE  
 RMK: ALL TFC SUBJ ATC CLR

ATM B) 2109200517 C) 2109252159 (A2238/21)  
 E) TO AVOID THE SPREAD OF COVID 19.

PROVISION OF APPROACH CONTROL SERVICE WITHIN SURABAYA TMA  
EAST, SURABAYA TMA WEST, SURABAYA CTR COMBINE SECTOR  
CALL SIGN : SURABAYA RADAR  
FREQ : 123.55MHZ  
HOURS OF SERVICE H24

ATM

B) 2109011300 C) 2112012159  
E) TO AVOID THE SPREAD OF COVID 19. PROVISION OF AERODROME CONTROL  
SERVICE WITHIN JUANDA TOWER,  
JUANDA GROUND, JUANDA DELIVERY COMBINE SECTOR  
CALL SIGN : JUANDA TOWER  
FREQ : 118.3MHZ  
HOURS OF SERVICE 2200-1100

(A2108/21)

END OF DOCUMENT

**NEGARA BRUNEI DARUSSALAM**

**AERONAUTICAL INFORMATION**

<b>FIR</b>		<b>PRE-FLIGHT INFORMATION BULLETIN</b>			
Briefing Id	B2100003	Date/Time	21SEP21 1253		
Period	22SEP21 0000 TO 22SEP21 2359				
Briefing includes <b>BIRDTAM ASHTAM NOTAM</b> EXCLUDING NOTAM THAT ARE VALID FOR MORE THAN 90 DAYS					
Lower Level		Upper Level		Traffic	+I +V +IV
Subject		Purpose	+B +BO +NB +NBO +M		
FIR	WBFC WAAF				

**FIR WBFC (KOTA KINABALU)****AERODROME INFORMATION (WBFC)**

NO INFO RECEIVED OR MATCHING THE QUERY

**FIR INFORMATION (WBFC)**

<b>OTH</b>	<b>B) 2106250622</b>	<b>C) 2109252359</b>	<b>(A2225/21)</b>
	<b>E) ALL AIRLINE OPERATORS ARE TO TAKE NOTE AND COMPLY WITH THE CIVIL AVIATION AUTHORITY OF MALAYSIA (CAAM) CIVIL AVIATION NOTICE (CAN)008/2021 ISSUED ON THE 23 JUNE 2021, ON THE SCREENING TEST REQUIREMENT TO CITIZEN AND NON-CITIZEN BFR BOARDING THE ACFT WHICH AP OF DEST IS IN MALAYSIA. CAN 008/2021 IS AVAILABLE ON CAAM WEBSITE.</b>		
<b>NAV</b>	<b>B) 2109220100</b>	<b>C) 2109241000</b>	<b>(D1016/21)</b>
	<b>E) SFC FRNG (KD TODAK) ACT WILL TAKE PLACE WI 5NM RADIUS OF CENTR F) - G) -</b>		
<b>NAV</b>	<b>B) 2109220001</b>	<b>C) 2109241000</b>	<b>(D1033/21)</b>
	<b>D) 0001 - 1000 E) UNMANNED AERIAL SYSTEM (UAS) FLT TRG WILL TAKE PLACE WI 0.5NM RADIUS CENTRED ON 0655.00N 11657.00E (ROZ KIWI) RMK:ACTIVATION OF THE AREA SUBJ TO REAL TIME COORD. F) SFC G) 2000FT AMSL</b>		
<b>NAV</b>	<b>B) 2109220001</b>	<b>C) 2109241000</b>	<b>(D1034/21)</b>
	<b>D) 0001 - 1000 E) UNMANNED AERIAL SYSTEM (UAS) FLT TRG WILL TAKE PLACE WI 0.5NM RADIUS CENTRED ON 0655.00N 116 52.00E (ROZ PIGEON) RMK:ACTIVATION OF THE AREA SUBJ TO REAL TIME COORD. F) SFC G) 500FT AMSL</b>		
<b>NAV</b>	<b>B) 2109220000</b>	<b>C) 2109241000</b>	<b>(D1029/21)</b>
	<b>D) 0000-1000 E) UNMANNED AERIAL SYSTEM (UAS) FLT TRG WILL TAKE PLACE WI AREAS BOUNDED BY FLWG COORD: A.0645.00N 116 35.00E B. 0645.00N 117 03.00E 0645.00N 117 03.00 F) - G) -</b>		
<b>NAV</b>	<b>B) 2109200000</b>	<b>C) 2110200800</b>	<b>(B0620/21)</b>
	<b>D) DLY 0000 - 0400 0600 - 0800 E) UAV ACT WILL TAKE PLACE WI THE JOINTED LINE COORDS:- 043137N1143319E - 043136N1143602E - 042716N1143319E - 042716N1143601E (KAMPONG BUKIT KANDOL, BELAIT) F) GND G) 394FT AGL</b>		
<b>NAV</b>	<b>B) 2109200000</b>	<b>C) 2110010900</b>	<b>(D1026/21)</b>
	<b>D) 0000-0900 E) UA ACT WILL TAKE PLACE ALONG THE PAN BORNEO HIGHWAY WITH 100 METER BUFFER ON THE LEFT AND RIGHT OF THE CENTRELINE: FM 055309.44N 1160303.16E TO 060849.90N 1161319.54E (PUTATAN-TUARAN) RMK:ACT SUBJ ATC F) SFC G) 660FT AMSL</b>		
<b>NAV</b>	<b>B) 2109192200</b>	<b>C) 2109231000</b>	<b>(B0614/21)</b>
	<b>D) SEP 19 20 21 22 23 BTN 2200-1000 E) MIL EXER WILL TAKE PLACE AT WBD509 AND WBD509A F) GND G) 10000FT AGL</b>		
<b>NAV</b>	<b>B) 2109180000</b>	<b>C) 2109290900</b>	<b>(D1021/21)</b>
	<b>D) 0000-0900</b>		

**E) UA ACT WILL TAKE PLACE ALONG THE PAN BORNEO HIGHWAY WITH 100 METER BUFFER ON THE LEFT AND RIGHT OF THE CENTRELINE:  
 FM 045730.67N 1153020.34E TO 054253.55N 1160041.28E  
 (SIPITANG-PAPAR)  
 RMK:ACT SUBJ ATC  
 F) SFC G) 630FT AMSL**

**NAV B) 2109110000 C) 2110110800 (B0610/21)  
 D) 0000-0800  
 E) UAV ACT AT KKP WASAN PSN JOINT LINE 044808N1144830E - 044743N1144936E  
 - 044603N1144858E - 044628N1144752E  
 F) GND G) 300FT AGL**

**NAV B) 2109070000 C) 2111300900 (D0978/21)  
 D) 0000-0900  
 E) UA ACT WILL TAKE PLACE WI:  
 031800.50N 1130544.09E - 031649.73N 1130349.57E -  
 031626.72N 1130338.05E - 031546.69N 1130255.64E -  
 031540.68N 1130358.53E - 031613.15N 1130401.45E -  
 031632.23N 1130418.15E - 031636.66N 1130450.98E -  
 031645.12N 1130513.23E - 031650.95N 1130522.49E -  
 031659.09N 1130521.49E - 031715.47N 1130548.80E -  
 031734.83N 1130539.66E - 031742.83N 1130552.58E  
 (BINTULU, SARAWAK)  
 RMK: ACT SUBJ ATC  
 F) SFC G) 400FT AMSL**

**NAV B) 2109040000 C) 2109261100 (D0917/21)  
 D) EV SAT SUN 0000-0300 0900-1100  
 E) PARAMOTOR ACT WILL TAKE PLACE WI 03NM RADIUS OF  
 043356.00N 1135836.00E (KUALA BARAM,MIRI,SARAWAK)  
 RMK: ACT SUBJ ATC.  
 F) SFC G) 500FT AMSL**

**NAV B) 2109032330 C) 2109301000 (B0581/21)  
 D) SEPT 03-30 BTN 2330-1000  
 E) LIVE FRNG EXER WILL TAKE PLACE WI COORD CONNECTED AT :-  
 043842N1142759E - 043859N1142833E - 043813N1142929E - 043734N1142936E  
 - 043647N1142830E - 043719N1142659E - 043842N1142759E  
 (AREA C, LUMUT).  
 F) GND G) 1500FT AGL**

**NAV B) 2109032300 C) 2109300900 (B0580/21)  
 D) SEPT 03 - 30 BTN 2300-0900  
 E) LIVE FRNG EXER WILL TAKE PLACE WI COORDS CONNECTED AT :-  
 044729N1143838E - 044703N1143831E - 044616N1143735E - 044617N1143717E  
 - 044631N1143707E - 044648N1143709 - 044731N1143813E - 044730N114  
 3837E - 044729N1143838E (600M RANGE, TUTONG)  
 F) GND G) 500FT AGL**

**NAV B) 2109030000 C) 2109260900 (B0455/21)  
 D) SEPT 03 05 10 12 17 19 24 26 0000-0330 0600-0900  
 E) UAV ACT WILL TAKE PLACE WI COORDS CONNECTED AT:-  
 050232N1150357E - 050232N1150910E - 045841N1150905E - 045839N1150410E  
 - 050232N1150357E (PULAU MUARA BESAR)  
 F) GND G) 400FT AGL**

**NAV B) 2109011240 C) 2112012359 EST (D0974/21)  
 E) UA OPS FOR MOVEMENT CONTROL ORDER (MCO) MONITORING AND ENFORCEMENT  
 BY ROYAL MALAYSIAN POLICE AND MALAYSIAN ARMED FORCES WILL TAKE PLACE  
 IN MALAYSIAN TERRITORIAL AIRSPACE. ATS UNIT WILL BE NOTIFIED OF THE  
 SPECIFIC AREA PRIOR TO ACT AND WILL TAKE NECESSARY ACTIONS TO ENSURE  
 SAFETY OF ALL FLT.  
 F) GND G) 500FT**

**NAV B) 2109010100 C) 2111010900 (D0946/21)  
 E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
 THE PETRONAS GAS PIPELINE AT:  
 032137.19N 1132135.15E - 031734.17N 1130539.17E  
 (BINTULU)  
 RMK: ACT SUBJ ATC  
 F) SFC G) 820FT AMSL**

**NAV B) 2109010100 C) 2111010900 (D0936/21)**

E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
THE PETRONAS GAS PIPELINE AT:  
053813.45N 1155330.12E - 045824.00N 1153310.27E  
(PAPAR - MERAPOK)  
F) SFC G) 1300FT AMSL

NAV B) 2109010100 C) 2111010900 (D0937/21)

E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
THE PETRONAS GAS PIPELINE AT:  
045822.20N 1153310.16E - 044335.67N 1152405.34E  
(MERAPOK - LAWAS)  
RMK: ACT SUBJ ATC  
F) SFC G) 1300FT AMSL

NAV B) 2109010100 C) 2111010900 (D0942/21)

E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
THE PETRONAS GAS PIPELINE AT:  
034814.57N 1144135.08E - 034541.28N 1141826.76E  
(LONG ATIP - LOAGAN BUNUT)  
RMK: ACT SUBJ ATC  
F) SFC G) 700FT AMSL

NAV B) 2109010100 C) 2111010900 (D0944/21)

E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
THE PETRONAS GAS PIPELINE AT:  
033413.43N 1135820.90E - 032711.31N 1133553.63E  
(LONG JEGAN - MIRI)  
RMK: ACT SUBJ ATC  
F) SFC G) 1400FT AMSL

NAV B) 2109010100 C) 2111010900 (D0945/21)

E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
THE PETRONAS GAS PIPELINE AT:  
032711.31N 1133553.63E - 032137.19N 1132135.15E  
(MIRI - BINTULU)  
RMK: ACT SUBJ ATC  
F) SFC G) 700FT AMSL

NAV B) 2109010100 C) 2111010900 (D0940/21)

E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
THE PETRONAS GAS PIPELINE AT:  
040626.46N 1152007.77E - 035223.34N 1150225.06E  
(LIMBANG - LONG SERIDAN)  
RMK: ACT SUBJ ATC  
F) SFC G) 1100FT AMSL

NAV B) 2109010100 C) 2111010900 (D0943/21)

E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
THE PETRONAS GAS PIPELINE AT:  
034541.28N 1141826.76E - 033413.43N 1135820.90E  
(LOAGAN BUNUT - LONG JEGAN)  
RMK: ACT SUBJ ATC  
F) SFC G) 1400FT AMSL

NAV B) 2109010100 C) 2111010900 (D0938/21)

E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
THE PETRONAS GAS PIPELINE AT:  
044335.67N 1152405.34E - 042448.78N 1152814.37E  
(LAWAS)  
RMK: ACT SUBJ ATC  
F) SFC G) 3000FT AMSL

NAV B) 2109010100 C) 2111010900 (D0939/21)

E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
THE PETRONAS GAS PIPELINE AT:  
042448.78N 1152814.37E - 040626.46N 1152007.77E  
(LAWAS-LIMBANG)  
RMK: ACT SUBJ ATC  
F) SFC G) 3700FT AMSL

NAV B) 2109010100 C) 2111010900 (D0941/21)

E) UA ACT WILL TAKE PLACE WITHIN AREA 50M EITHER SIDE OF  
THE PETRONAS GAS PIPELINE AT:  
035223.34N 1150225.06E - 034814.57N 1144135.08E

(LONG SERIDAN - LONG ATIP)  
RMK: ACT SUBJ ATC  
F) SFC G) 2300FT AMSL

NAV B) 2109010001 C) 2109301000 (D0895/21)  
D) 0001-1000  
E) UNMANNED AERIAL SYSTEM (UAS) FLT TRG WILL TAKE PLACE WI :  
1NM RADIUS CENTRED ON 0607N 11600E (ROZ FALCON)  
RMK:ACTIVATION OF THE AREA SUBJ TO REAL TIME COORD  
F) SFC G) 1000FT AMSL

NAV B) 2109010001 C) 2109301000 (D0896/21)  
D) 0001-1000  
E) UNMANNED AERIAL SYSTEM (UAS) FLT TRG WILL TAKE PLACE AT WBR523  
F) SFC G) 2000FT AMSL

NAV B) 2109010001 C) 2109301000 (D0897/21)  
D) 0001-1000  
E) UNMANNED AERIAL SYSTEM (UAS) FLT TRG WILL TAKE PLACE AT WBR520  
F) SFC G) 5000FT AMSL

NAV B) 2109010000 C) 2109301000 (B0578/21)  
D) 0000-1000  
E) DRONE / UAV OPS AT THYSSENKRUPP PLANT SITE POSN JOINT LINE  
044030N1142900E - 044226N1142858E - 044102N1142845E - 044109N1142843E  
- 044122N1142842E - 044157N1142851E - 044227N1142858E  
F) GND G) 328FT AGL

NAV B) 2109010000 C) 2109301559 (B0440/21)  
D) SEPT 01 07 08 10 13-16 20-30 0000-0430 0600-0900 1100-1559  
E) LIVE FRNG EXER WILL TAKE PLACE AT WBD509 (BINTURAN RANGE).  
RMK/ILLUMINANTS WILL BE USED DRG NGT ACT.  
F) GND G) 12000FT AGL

NAV B) 2108190100 C) 2110140300 (B0573/21)  
D) AUG 19,SEP 09,OCT 14 BTN 0100-0300  
E) UAV ACT WILL TAKE PLACE WI RAD 200M CENTRED ON FOLLOWING COORDS:-  
1.045849N1150040E  
2.045846N1150040E  
(MENGKUBAU HOUSING PLAN)  
F) GND G) 100FT AGL

NAV B) 2108020100 C) 2109290300 (B0407/21)  
D) AUG 02 04 06 09 11 13 16 18 20 23 25 27 30 0100-0300  
SEPT 01 03 06 08 10 13 15 17 20 22 24 27 29 0100-0300  
E) UAV ACT WILL TAKE PLACE WI RAD 200M CENTRED ON COORDS POSN  
050030N1150355E (SERASA INDUSTRIAL PARK)  
F) GND G) 328FT AGL

FIR WAAF (UJUNG PANDANG FIR)

AERODROME INFORMATION (WAAF)

NO INFO RECEIVED OR MATCHING THE QUERY

FIR INFORMATION (WAAF)

AGA B) 2109190245 C) 2110191659 EST (A2233/21)  
E) COVID-19 FLIGHT RESTRICTIONS : TO REDUCE SPREAD OF  
SARS-COV-2/COVID-19 IN INDONESIA, ALL INTERNATIONAL PASSANGER FLIGHT  
ARE ALLOWED ENTRY AND TRANSIT ONLY AT SOEKARNO-HATTA INTERNATIONAL  
AIRPORT AND SAM RATULANGI AIRPORT

CNS B) 2108311045 C) 2109301300 (A2080/21)  
E) RADAR HEAD WAINGAPU RADIUS 200NM CENTRED ON 094005.0S1201036.0E U/S  
DUE TO TECH  
RMK : ADS-B SERVICE AVBL



CNS

B) 2101280000

C) PERM

(A2933/20)

E) AIR TRAFFIC SERVICE AIRSPACE WHICH IMPLEMENT ADS-B AS ATS SURVEILLANCE SEPARATION BETWEEN SFC-FL245 ARE AS FOLLOWS:

1. BALI TMA AND CTR
2. JAKARTA TMA AND CTR
3. PALEMBANG TMA AND CTR
4. PANGKAL PINANG TMA AND CTR
5. PEKANBARU TMA AND CTR
6. PONTIANAK TMA AND CTR
7. SURABAYA TMA AND CTR
8. TANJUNG PINANG TMA AND CTR
9. UJUNG PANDANG TMA AND CTR
10. YOGYAKARTA MCA AND CTR

NOTE: THE DIMENSION (LATERAL LIMIT AND VERTICAL LIMIT) OF EACH AIRSPACE IS IN ACCORDANCE WITH AIP INDONESIA VOL I ENR 2 AIR TRAFFIC SERVICE AIRSPACE.

REF AIRAC AIP AMDT 99 PAGE ENR 1.6-5 POINT 1.6.3.1 ITEM C

ATM

B) 2109190139

C) 2110191659 EST

(A2231/21)

E) IN THE CASES OF FIND OF NEW VARIAN SARS-COV-2 AND RAPID INCREASE OF COVID-19 CASES GLOBALLY, THE INDONESIAN GOVERNMENT ENACTED TRAVEL RESTRICTIONS POLICIES FOR VISITORS/TRAVELERS FROM ALL COUNTRIES TO PREVENT COVID-19 OUTBREAK, WITH FOLLOWING CONDITIONS :

1. INTERNATIONAL TRAVELERS WITH THE STATUS OF INDONESIAN CITIZENS (WNI) FROM ABROAD WHO ARE ALLOWED TO ENTER INDONESIA WHILE STILL FOLLOWING THE HEALTH PROTOCOL AS SET BY THE GOVERNMENT.

2. RESTRICTION OF ACCESS, AS WELL AS TRANSIT, FOR FOREIGN NATIONALS TO INDONESIA TERRITORY DURING THE EMERGENCY ENFORCEMENT OF RESTRICTION ON PUBLIC ACTIVITIES (PPKM), EXCEPT FOREIGNERS WITH CRITERIA AS FOLLOWS :

A. ACCORDING TO THE REGULATION OF THE MINISTER FOR LAW AND HUMAN RIGHTS OF THE REPUBLIC OF INDONESIA NR. 34 YEAR 2021.

B. IN ACCORDANCE WITH THE BILATERAL TRAVEL CORRIDOR ARRANGEMENT (TCA) AGREEMENT.

C. FOREIGNERS WITH SPECIAL CONSIDERATIONS/PERMISSION IN WRITING FROM THE MINISTRY/INSTITUTION IN INDONESIA.

3. THE HEALTH PROTOCOL FOR INDONESIAN CITIZENS AND FOREIGNERS FROM ALL FOREIGN COUNTRIES WHO ENTER INDONESIA, EITHER DIRECTLY OR TRANSITING IN A FOREIGN COUNTRY MUST SHOW CERTIFICATE OR CARD OF FULL-DOSE COVID-19 VACCINE IN PAPER OR DIGITAL FORMAT AND SHOW NEGATIVE RESULTS THROUGH THE RT-PCR TEST IN THE COUNTRY OF ORIGIN WHOSE SAMPLES ARE TAKEN WITHIN A MAXIMUM PERIOD OF 72 HOURS BEFORE DEPARTURE TIME AND ATTACHED AT THE TIME HEALTH CHECK CARRIED OUT. TRAVELLERS SHOULD INSTALL 'PEDULILINDUNGI' MOBILE APPLICATION ON THEIR DEVICES AND USE IT AS A

REQUIREMENTS TRAVELLING IN INDONESIA

AND FILL OUT THE FORM FOR PERSONAL DATA AND HEALTH DATA THROUGH THE ELECTRONIC HEALTH ALERT CARD (E-HAC) IN PEDULI LINDUNGI APPLICATION.

4. UPON ARRIVAL, AN RT-PCR RETEST WAS CONDUCTED AT THE AIRPORT FOR TRAVELLERS AND ARE REQUIRED TO UNDERGO MANDATORY QUARANTINE FOR 8 DAYS.

5. AIRLINES OPERATOR ARE REQUIRED TO CHECK AND ENSURE THAT THE HEALTH REQUIREMENTS OWNED BY PASSANGERS ARE APPROPRIATE AND STILL VALID.

6. FOREIGN CIVIL AIRCRAFT CREW MUST SHOW CERTIFICATE OR CARD OF FULL-DOSE OF COVID-19 VACCINE IN PAPER OR DIGITAL FORMAT (EXCEPT FOR TRANSIT FLIGHT OR WHO DO NOT LEAVE THE AIRCRAFT) AND SHOW NEGATIVE RESULTS THROUGH THE RT-PCR TEST IN THE COUNTRY OF ORIGIN WHOSE SAMPLES ARE TAKEN WITHIN A MAXIMUM PERIOD OF 7 X 24 HOURS BEFORE DEPARTURE.

7. INDONESIAN CIVIL AIRCRAFT CREW FOR OVERSEAS DEPARTURE MUST SHOW CERTIFICATE OR CARD OF FULL-DOSE OF COVID-19 VACCINE IN PAPER OR DIGITAL FORMAT AND COMPLIES WITH THE PROVISIONS OF THE DESTINATION COUNTRY. UPON ARRIVAL, AN RT-PCR RETEST IS CONDUCTED (EXCEPT WHO DO NOT DO REMAIN OVER NIGHT/RON AND WHO DO NOT LEAVE THE AIRCRAFT) AND ALSO ARE REQUIRED TO UNDERGO TREATMENT AT HOSPITAL PROVIDED BY THE INDONESIA GOVERNMENT WHEN THE HAS POSITIVE RESULT.

8. THE COST OF HOSPITALIZATION AS REFERRED TO NR. 7 ABOVE FOR AIR CREW WITH THE STATUS OF INDONESIAN CITIZENS IS BORNE BY THE GOVERNMENT AND FOR AIRCREW WITH THE STATUS OF FOREIGNERS WHO ARE BORNE BY INDONESIAN AIRLINES OPERATORS.

REMARKS : DETAILED PROVISIONS CONCERNING INSTRUCTIONS FOR

IMPLEMENTING INTERNATIONAL TRAVEL WITH AIR TRANSPORTATION DURING THE COVID PANDEMIC STATED IN THE DIRECTOR GENERAL'S CIRCULAR LETTER NUMBER SE 74 YEAR 2021.

ATM

B) 2108120000

C) PERM

(A1841/21)

E) ADDITIONAL INFORMATION ON NAME CODE DESIGNATOR FOR SIGNIFICANT

POINT AS FLW :  
 ORAPO : 060238S 1061928E (T8)  
 OPUNG : 043121N 0970035E (T10)  
 UPNUM : 060642S 1401600E (W66)  
 REF AIP VOL I AMDT 107 SUBSECTION ENR 4.3

<b>ATM</b>	<b>B) 2108120000</b> <b>E) CHANGES INFORMATION RELATED TO SIGNIFICANT POINT COORDINATES :</b> ODISO IS CHANGED TO 003000N 0991229E OVSET IS CHANGED TO 013354S 1024134E REF AIP VOL I AMDT 107 SUBSECTION ENR 3.3 AND 4.3	<b>C) PERM</b>     (A1840/21)
<b>OTH</b>	<b>B) 2109090000</b> <b>E) TRIGGER NOTAM-PERM AIRAC AIP AMDT 108 WEF 09 SEP 2021 CHANGES OF AIR TRAFFIC SERVICE AIRSPACE</b>	<b>C) 2109222359</b>     (A1952/21)
<b>OTH</b>	<b>B) 2109090000</b> <b>E) TRIGGER NOTAM-PERM AIRAC AIP 108 WEF 09 SEP 2021 CHANGES OF LOCATION INDICATORS</b>	<b>C) 2109222359</b>     (A1949/21)
<b>OTH</b>	<b>B) 2109090000</b> <b>E) TRIGGER NOTAM-PERM AIRAC AIP AMDT 108 WEF 09 SEP 2021 CHANGES OF ATIS FREQUENCY</b>	<b>C) 2109222359</b>     (A1951/21)
<b>NAV</b>	<b>B) 2109220430</b> <b>E) BANNER BY TRIKE WILL TAKE PLACE WI 1NM RADIUS CENTRED ON 075447.08S1103320.68E UPPER TERAINE ELEVATION 650FT</b> <b>RMK: ALL TFC SUBJ ATC CLR</b> <b>F) GND G) 2000FT AGL</b>	<b>C) 2109220630</b>     (B1712/21)
<b>NAV</b>	<b>B) 2109220000</b> <b>D) DAILY 0000-0900</b> <b>E) AIRSPACE RESERVATION FOR PHOTO FLT WILL TAKE PLACE WI AREA AS FLW:</b> 001000.00S1144100.00E - 001000.00S1145000.00E - 001800.00S1145000.00E .00E - 001800.00S1144100.00E - 001000.00S1144100.00E <b>RMK: ALL TFC SUBJ ATC CLR</b> <b>F) SFC G) 4000FT AMSL</b>	<b>C) 2109290900</b>     (B1697/21)
<b>NAV</b>	<b>B) 2109220000</b> <b>D) DAILY 0000-1000</b> <b>E) PARAGLIDING ACT WILL TAKE PLACE WI 2NM RADIUS CENTRED ON 075120.10S1122946.30E (BANYAK MOUNTAIN)</b> <b>UPPER TERRAIN ELEVATION 4460 FT</b> <b>RMK : ALL ACFT SUBJ ATC CLR</b> <b>F) GND G) 1000FT AGL</b>	<b>C) 2112221000</b>     (B1710/21)
<b>NAV</b>	<b>B) 2109220000</b> <b>E) PJE WILL TAKE PLACE WI 5 NM RADIUS CENTRED ON 075802.78S1132945.86E (TRIBUANA CAKTI FIELD)</b> <b>RMK: ALL TFC AVOID THIS AREA AND SUBJ ATC CLR</b> <b>F) SFC G) FL200</b>	<b>C) 2109220500</b>     (A2249/21)
<b>NAV</b>	<b>B) 2109210000</b> <b>D) DAILY 0000-0700</b> <b>E) GLIDER ACT WILL TAKE PLACE WI COORD AS FLW :</b> <b>AREA 1</b> 043207.26S1365342.19E - 043322.62S1365252.78E - 043140.76S1365215.56E .56E - 043129.13S1365240.62E - 043207.26S1365342.19E <b>VERTICAL LIMIT : 1500FT</b> <b>AREA 2</b> 043140.76S1365215.56E - 043322.62S1365252.78E THENCE A LONG THE ARC OF A CIRCLE 2.5NM RADIUS CENTRED AT 043101.7S 1365202.0E (VOR/DME) TO 043235.18S 1365003.29E - 043140.76S1365215.56E <b>VERTICAL LIMIT : 7000FT</b> <b>AREA 3</b> 043235.18S1365003.29E THENCE A LONG THE OF A CIRCLE 2.5 NM RADIUS CENTRED AT 043101.7S1365202.0E (VOR/DME) TO 043322.62S1365252.78E - 043737.19S1365425.84E THENCE A LONG THE OF A CIRCLE 7NM RADIUS	<b>C) 2110060700</b>     (B1701/21)

CENTRED AT 043101.7S1365202.0E (VOR/DME) TO 043431.88S1364554.91E

043237.59S1364913.57E - 043235.18S1365003.29E

VERTICAL LIMIT : 7000FT

RMK : - ALL TFC SUBJ ATC CLR

- EXPECTED DLA TO ALL DEP AND ARR ACFT

- GO AROUND ACFT SHALL AVOID GLIDER ACT AREA

F) SFC G) 7000FT AMSL

NAV B) 2109201100 C) 2110051700 (B1610/21)

D) DAILY 1100-1700 EXC SAT-SUN

E) NIGHT FLT BY KT1B WILL TAKE PLACE RADIUS 5NM CENTRED ON

074712.00S1102555.00E (ADISUTJIPTO AP)

UPPER TERRAIN ELEVATION 379FT

RMK : ALL TFC SUBJ ATC CLR

F) GND G) 1000FT AGL

NAV B) 2109200000 C) 2109231500 (A2236/21)

D) DAILY 0000-1500

E) MIL EXER WILL TAKE PLACE WI 15NM RADIUS CENTRED ON

081631.00S1131307.00E (PANDANWANGI AREA)

RMK : ALL TFC SUBJ ATC CLR

F) SFC G) FL200

NAV B) 2109182200 C) 2110020800 (B1691/21)

D) DAILY 2200-0800

E) PARAGLIDING ACT WILL TAKE PLACE WI COORD AS FLW :

023440.19S1403624.11E - 023424.94S1403720.79E - 023432.42S1403822

.75E

- 023304.75S1404114.11E - 023039.90S1404026.54E -

023101.62S1404407.19E - 023539.59S1404248.44E - 023605.36S1404040

.21E

- 023529.19S1403816.15E - 023440.19S1403624.11E

RMK : ALL TFC SUBJ ATC CLR

F) SFC G) 7000FT AMSL

NAV B) 2109162300 C) 2110060800 (B1666/21)

D) DAILY 2300-0800

E) HANG GLIDING ACT WILL TAKE PLACE WI COORD AS FLW :

AREA1

023143.88S1402725.61E AND A CIRCLE WITH RADIUS 0.27NM CENTER AT

DOYOBARU AIRSTRIP 023218.60S1402750.40E - 023223.60S1402658.75E -

023143.88S1402725.61E

VERTICAL LIMIT: 500 FT

AREA2

023143.88S1402725.61E - 023223.60S1402658.75E - 023157.69S1402459

.21E

- 023038.38S1402544.19E - 023143.88S1402725.61E

VERTICAL LIMIT: 1500 FT

AREA 3

023038.38S1402544.19E - 023157.69S1402459.21E - 023132.66S1402300

.57E

- 022932.90S1402403.54E - 023038.38S1402544.19E

VERTICAL LIMIT: 3500 FT

RMK:

- ALL TFC SUBJ ATC CLR

- EXPECT DLY TO ALL DEP AND ARR ACFT

- ALL ACFT DEP RWY 30 THAT PROVIDED WITH IMMEDIATE LEFT TURN AFTER

INSTRUCTION BY ATC, SHALL AFTER AIRBONE IMMEDIATE TURN LEFT AND

CROSS R275 JPA VOR/DME DISTANCE 3 NM JPA VOR/DME TO INTERCEPT

OUTBOUND TRACK AS INSTRUCTED BY ATC

F) SFC G) 3500FT AMSL

NAV B) 2109150430 C) 2110270730 (A1993/21)

D) SEP 15 29 OCT 13 27 0430-0730

E) ASCENT OF FREE BALLOON OZON AND RADIO SONDE WILL TAKE PLACE WITHIN

60NM RADIUS CENTRED ON 073351.10S1124041.40E (PASURUAN AREA)

BALLOON SPECIFICATION : OZON

WEIGHT : 800GR

DIAMETER : 1.5M

COLOUR : WHITE

TOTAL WEIGHT : 2026GR

TRANSMITTER DIAMETER : 23CM X 20CM X 26CM

RATE OF ASCENT BALLOON : 6M/SECOND

RMK: ALL TFC SHALL OBS OR SUBJ ATC CLR

F) SFC G) UNL

- NAV B) 2109092300 C) 2112090930 (A2165/21)  
D) SEP 09 2300-2359 SEP 10 - DEC 09 0000-0930  
E) PARAGLIDING ACT WILL TAKE PLACE WI COORD AS FLW:  
012519.46N1244927.01E - 012506.60N1244851.39E -  
012556.60N1244929.28E - 012519.46N1244927.01E  
RMK: ALL TFC SUBJ ATC CLR  
F) SFC G) 1350FT AMSL
- NAV B) 2109070030 C) 2110090830 (B1566/21)  
D) DAILY 0030-0830  
E) AIRSPACE RESERVATION FOR AERIAL PHOTO FLT WILL TAKE PLACE WI COORD  
AS FLW : 042843.53S1111323.03E - 011450.89S1102301.67E -  
003635.18S1121352.43E - 011613.52N1131437.67E -  
011315.40N1133624.11E THENCE ALONG UJUNG PANDANG FIR BOUNDARY TO  
015050.75N1144713.36E - 014935.36N1144658.88E -  
001621.46S1154824.68E - 035822.37S1145625.35E -  
042843.53S1111323.03E  
RMK : ALL TFC SUBJ ATC CLR  
F) SFC G) 10000FT AMSL
- NAV B) 2109060000 C) 2109300830 (B1597/21)  
D) DAILY 0000-0330 0500-0830  
E) AIRSPACE RESERVATION FOR PHOTO FLT WILL TAKE PLACE WI AREA AS FLW  
:  
035623.17S1225440.91E - 035841.28S1231705.97E - 041727.77S1231656  
.36E  
- 041545.69S1225514.54E - 035623.17S1225440.91E  
RMK : ALL TFC SUBJ ATC CLR  
F) SFC G) 2500FT AMSL
- NAV B) 2108300710 C) 2109301000 (B1544/21)  
D) 30 0710-1000, 30 AUG-30 SEP 2300-1000  
E) AIRSPACE RESERVATION FOR PHOTO FLT WILL TAKE PLACE WI AREA AS FLW  
:  
004657.00S1312058.00E - 004637.00S1314222.00E - 005545.00S1314154  
.00E  
- 005522.00S1312057.00E - 004657.00S1312058.00E  
RMK : ALL TFC SUBJ ATC CLR  
F) SFC G) 3000FT AMSL
- NAV B) 2108230600 C) 2110200830 (A2005/21)  
D) MON-FRI 0600-0830, SAT-SUN 2200-0830  
E) PARAMOTOR ACT WILL TAKE PLACE WI 5NM RADIUS CENTRED ON  
011009.90S1360442.40E (SUPER TUCANO MAKOOPSAU III FIELD)  
RMK: ALL TFC SUBJ ATC CLR  
F) GND G) 500FT AMSL
- NAV B) 2108022000 C) 2111010800 (B1316/21)  
D) AUG 02 2000-2359, AUG 03-OCT 31 0000-0800 2000-2359, NOV 01 0000-0800  
E) UNMANNED AERIAL VEHICLE (UAV) ACT WILL TAKE PLACE WI 2.5NM RADIUS  
CENTRED ON 074232.36S1261850.94E  
UPPER TERRAIN ELEVATION 1870FT  
F) SFC G) 492FT AGL
- NAV B) 2108010100 C) 2110300900 (B1346/21)  
D) 0100-0900  
E) UNMANNED AERIAL VEHICLE (UAV) WILL TAKE PLACE WI 1.6NM RADIUS  
CENTRED ON 072913.58S1102619.58E  
UPPER TERRAIN ELEVATION 5147FT  
RMK : ALL TFC SUBJ ATC CLR  
F) GND G) 200FT AGL
- NAV B) 2107262330 C) 2110261830 (A1804/21)  
D) 2330-0100 0530-0630 1130-1300 1730-1830  
E) ASCENT OF FREE BALLOON RASON WILL TAKE PLACE 13.4989NM RADIUS  
CENTRED ON 072226.99S1124653.77E (JUANDA)  
BALLOON SPECIFICATION :  
RASON  
WEIGHT : 350GRAM  
DIAMETER : 1.35M  
COLOUR : WHITE  
PIBAL  
WEIGHT : 30GRAM

DIAMETER : 0.22M  
COLOUR : RED  
RMK : ALL TFC SHALL OBS OR SUBJ ATC CLR  
F) GND G) UNL

NAV B) 2107260100 C) 2110250700 (B1284/21)  
D) DAILY 0100-0700  
E) UNMANNED AERIAL VEHICLE (UAV) ACT WILL TAKE PLACE WI AREA AS FLW:  
002725.01S1154623.70E - 005210.58S1154623.70E - 005210.58S1152930.00E  
- 002725.01S1152930.00E - 002725.01S1154623.70E  
RMK: ALL TFC SUBJ ATC CLR  
F) SFC G) 1000FT AMSL

NAV B) 2107200100 C) 2110160930 (A1761/21)  
D) DAILY 0100-0300 0500-0930  
E) PARAGLIDING ACT WILL TAKE PLACE WI COORD AS FLW:  
013413.00N1245038.43E - 013458.21N1244852.59E - 013549.27N1245032  
.70E  
- 013413.00N1245038.43E  
RMK: ALL TFC SUBJ ATC CLR  
F) SFC G) 1250FT AMSL

NAV B) 2107130030 C) 2110130800 (B1180/21)  
D) DAILY 0030-0800  
E) UNMANNED AERIAL VEHICLE (UAV) ACT WILL TAKE PLACE WI AREA AS FLW :  
AREA A  
021823.99N1172134.99E - 021824.80N1172824.70E - 020903.00N1172825  
.70E  
- 020901.30N1172135.00E - 021823.99N1172134.99E  
AREA B  
020829.30N1172557.40E - 020828.79N1172836.96E - 020416.70N1172836  
.00E  
- 020417.30N1172556.50E - 020829.30N1172557.40E  
F) SFC G) 492FT AMSL

NAV B) 2107060100 C) 2110060900 (B1118/21)  
D) DAILY 0100-0900  
E) UNMANNED AERIAL VEHICLE (UAV) WILL TAKE PLACE WI AREA AS FLW:  
AREA A  
001514.60N1171314.40E - 001348.00N1172342.30E - 000124.00N1172215  
.80E  
- 000215.90N1171143.00E - 001514.60N1171314.40E  
AREA B  
000116.70N1172808.30E - 000121.50N1172847.60E - 000047.10N1172856  
.40E  
- 000041.00N1172814.80E - 000116.70N1172808.30E  
RMK : ALL TFC SUBJ ATC CLR  
F) SFC G) 1000FT AMSL

NAV B) 2107010000 C) 2109300800 (B1085/21)  
E) UNMANNED AERIAL VEHICLE (UAV) ACT WILL TAKE PLACE WI COORD AS FLW:  
020652.52S1152630.16E - 020653.47S1153638.01E - 021323.67S1153636.00E  
- 021920.95S1153112.73E - 021920.64S1152629.77E -  
021846.64S1145153.27E - 021636.51S1145153.48E - 020652.52S1152630.16E  
RMK : ALL TFC AVOID THIS AREA  
F) SFC G) 1000FT AMSL

NAV B) 2107010000 C) 2109300800 (B1055/21)  
D) DAILY 0000-0800  
E) UNMANNED AERIAL VEHICLE (UAV) WILL TAKE PLACE WI AREA AS FLW :  
021733.58S1152816.39E - 022016.37S1152816.21E - 022016.44S1152920.95E  
- 022049.00S1152920.91E - 022049.07S1153025.65E -  
022121.63S1153025.62E - 022121.70S1153130.35E - 022154.25S1153130.32E  
- 022154.32S1153235.06E - 022542.24S1153234.82E -  
022542.58S1153758.53E - 022404.90S1153758.63E - 022405.02S1154008.11E  
- 021839.42S1154008.42E - 021839.03S1153339.99E -  
021806.48S1153340.03E - 021806.41S1153235.29E - 021733.85S1153235.32E  
- 021733.58S1152816.39E  
UPPER TERRAIN ELEVATION 432FT  
RMK : ALL TFC AVOID THIS AREA  
F) GND G) 1000FT AGL

NAV B) 2106302300 C) 2109301000 (B1056/21)  
D) DAILY 2300-1000  
E) UNMANNED AERIAL VEHICLE (UAV) WILL TAKE PLACE WI AREA AS FLW :

AREA A :  
022924.01S1150454.20E - 024055.01S1150126.80E - 025511.06S1145211  
.40E  
- 024905.08S1144714.20E - 023354.09S1144728.50E -  
022924.01S1150454.20E  
AREA B :  
022915.09S1151658.70E - 022432.09S1151645.30E - 022508.04S1152431  
.70E  
- 022935.07S1152357.80E - 022915.09S1151658.70E  
UPPER TERRAIN ELEVATION 66FT  
RMK : ALL TFC AVOID THIS AREA  
F) GND G) 500FT AGL

END OF DOCUMENT