

NEGARA BRUNEI DARUSSALAM

AERONAUTICAL INFORMATION					
FIR		PRE-FLIGHT INFORMATION BULLETIN			
Briefing Id	B0200001	Date/Time	02FEB20 1229		
Period		03FEB20 0000 TO 03FEB20 2359			
Briefing includes BIRDTAM ASHTAM NOTAM 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				

NAV B) 2002030200 C) 2002131000
D) 0200-1000 (D0090/20)
E) UAV ACT WILL TAKE PLACE AT COORD:
WPC 2 SECTION 1 (LUNDU INTERCHANGES TO BTG KAYAN BRIDGE)
ZONE L1
013954.21N 1095003.41E 013944.27N 1094935.51E
013922.52N 1094931.59E 013850.37N 1095056.28E
013849.60N 1095151.61E 013909.06N 1095151.27E
013908.59N 1095039.00E
ZONE L2 (LUNDU-BAU)
013911.20N 1095150.78E 013847.00N 1095151.32E
013844.52N 1095218.90E 013747.33N 1095306.40E
013718.13N 1095259.55E 013717.00N 1095339.49E
013846.46N 1095258.48E
ZONE L3 (LUNDU-BAU)
013243.32N 1095450.26E 013244.00N 1095430.46E
013001.79N 1095456.55E 013000.63N 1095531.63E
013026.54N 1095510.25E 013139.58N 1095512.15E
ZONEL4 (SEMATAN-LUNDU)
014450.28N 1094601.85E 014439.52N 1094617.55E
014327.36N 1094632.30E 014308.19N 1094645.40E
014255.83N 1094631.08E 014343.01N 1094612.05E
014418.87N 1094612.50E 014437.16N 1094554.49E
ZONE L5 (LUNDU INTERCHANGES)
014049.89N 1094752.37E 014031.23N 1094726.18E
013914.50N 1094845.74E 013923.06N 1094931.36E
013942.85N 1094934.90E 013932.37N 1094851.87E
ZONE L6 (LUNDU-BAU)
013720.21N 1095325.41E 013717.76N 1095253.47E
013550.72N 1095327.01E 013441.31N 1095328.71E
013438.60N 1095344.47E 013552.98N 1095342.18E
ZONE L7 (LUNDU-BAU)
013437.66N 1095349.21E 013441.78N 1095320.52E
013320.99N 1095319.91E 013304.48N 1095417.31E
013245.85N 1095429.74E 013247.61N 1095455.78E
013324.77N 1095434.36E 013343.44N 1095336.28E
ZONE L8 (SEMATAN-LUNDU)
014656.37N 1094443.53E 014658.98N 1094420.40E
014428.12N 1094548.08E 014450.20N 1094601.11E
ZONE L9 (SEMATAN-LUNDU)
014307.58N 1094647.82E 014249.74N 1094627.15E
014307.58N 1094647.82E 014249.74N 1094627.15E
014032.72N 1094726.31E 014049.71N 1094752.72E
ZONE L10 (SEMATAN-KUCHING)
014826.42N 1094640.69E 014815.21N 1094644.47E
014746.97N 1094527.24E 014657.02N 1094443.13E
014659.98N 1094422.01E 014821.82N 1094522.12E
F) SFC G) 1000FT AMSL

NAV B) 2002030130 C) 2002130900 (D0085/20)
D) 0130-0900
E) UA ACT WILL TAKE PLACE AT COORDS:
PT1. 021652.33N 1115716.22E PT7. 021849.16N 1120417.89E
PT2. 021731.92N 1115814.34E PT8. 021721.13N 1120333.62E
PT3. 021703.67N 1115928.96E PT9. 021655.04N 1120000.34E
PT4. 021729.64N 1115951.99E PT10. 021635.92N 1115939.83E
PT5. 021748.24N 1120307.51E PT11. 021650.37N 1115819.53E
PT6. 021849.56N 1120352.26E PT12. 021628.38N 1115728.72E
(NEARBY SIBU AIRPORT)
F) SFC G) 1000FT AMSL

NAV B) 2002030100 C) 2002130900 (D0103/20)
D) 0100-0900
E) UA ACT WILL TAKE PLACE AT COORDS :
NEARBY SIBU AIRPORT
A. SECTION 1 SEBANGKOI (ZONE 1,2,3 AND 4)
014644.72N,1112234.90E 014625.77N,1112223.88E
014805.05N,1111954.35E 014824.44N,1112008.46E
015050.76N,1111937.36E 015057.76N,1111908.95E
015310.82N,1112030.73E 015238.52N,1112047.37E
015358.50N,1112304.04E 015432.52N,1112244.75E
B. SECTION 1 SEBANGKOI (ZONE 5,6,7 AND 8)
015358.50N,1112304.04E 015432.52N,1112244.75E
015532.24N,1112436.45E 015512.37N,1112523.91E
015734.70N,1112615.16E 015800.05N,1112531.05E
015943.14N,1112627.56E 015921.03N,1112719.16E
020035.89N,1112811.93E 020059.01N,1112722.76E
C. SECTION 2 SARIKEI (ZONE 1,2 AND 3)

020035.89N,1112811.93E 020059.01N,1112722.76E
020323.85N,1112908.54E 020230.91N,1112944.22E
020242.91N,1113135.25E 020345.97N,1113141.27E
020254.55N,1113419.91E 020157.99N,1113402.67E
D. SECTION 2 SARIKEI (ZONE 4,5 AND 6)
020254.55N,1113419.91E 020157.99N,1113402.67E
020144.50N,1113701.18E 020239.08N,1113633.47E
020425.51N,1113851.65E 020316.07N,1113856.38E
020328.63N,1113956.17E 020439.16N,1114013.78E
F) SFC G) 1000FT AMSL

NAV B) 2002030100 C) 2002130900 (D0104/20)

D) 0100-0900

E) UA ACT WILL TAKE PLACE AT COORDS :

A. SECTION 1 JULAU (ZONE 1,2 AND 3)

020422.33N,1114009.48E 020339.24N,1113958.05E

020300.98N,1114519.55E 020339.19N,1114505.15E

020417.65N,1115016.66E 020335.70N,1115004.67E

020310.45N,1115430.24E 020351.36N,1115429.59E

B. SECTION 2 SIBU (DURIN BRIDGE OF BATANG RAJANG)

020847.99N,1120035.72E 020847.97N,1120107.66E

021002.95N,1120109.85E 021004.63N,1120036.18E

C. SECTION 2 SIBU (NEARBY SIBU AIRPORT AREA)

021653.54N,1115717.41E 021630.82N,1115734.54E

021705.13N,1115813.16E 021729.06N,1115818.16E

021658.72N,1115934.32E 021633.75N,1115933.99E

021711.35N,1120110.38E 021736.23N,1120109.30E

021740.76N,1120243.84E 021717.61N,1120308.95E

021826.73N,1120415.08E 021839.09N,1120345.71E

022022.20N,1120357.57E 021951.04N,1120425.63E

D. SECTION 2 SIBU (ZONE 2,3,4 AND 5)

022022.20N,1120357.57E 022406.99N,1120903.61E

021951.04N,1120425.63E 022422.81N,1121130.08E

022122.92N,1120559.82E 022522.46N,1121106.94E

022151.48N,1120527.49E 022659.66N,1121605.38E

022443.37N,1120836.77E 022554.62N,1121619.01E

F) SFC G) 1000FT AMSL

NAV B) 2002030100 C) 2002130900 (D0094/20)

D) 0100-0900

E) UAV WILL TAKE PLACE AT COORDS:

ZONE C1 AND C2 (5KM FROM BINTULU AIRPORT)

030503.75N, 1125948.86E 030440.01N, 1125943.41E

030508.12N, 1125839.96E 030443.58N, 1125841.19E

030338.99N, 1125712.30E 030323.71N, 1125719.59E

030234.42N, 1125531.90E 030223.56N, 1125545.76E

ZONE D (2KM FROM BINTULU AIRPORT)

030640.45N, 1130142.79E 030629.57N, 1130146.74E

030559.45N, 1130109.16E 030548.12N, 1130111.60E

030536.87N, 1130018.28E 030526.50N, 1130022.24E

030506.92N, 1125948.39E 030500.19N, 1125956.18E

ZONE B (14KM FROM BINTULU AIRPORT)

030227.16N, 1125531.81E 030224.50N, 1125554.98E

030104.45N, 1125521.99E 030055.77N, 1125536.04E

025940.22N, 1125426.06E 025931.60N, 1125440.26E

OTHER THAN ZONE B,C AND D (21KM FROM BINTULU AIRPORT)

030227.16N, 1125531.81E 030224.50N, 1125554.98E

030104.45N, 1125521.99E 030055.77N, 1125536.04E

025940.22N, 1125426.06E 025931.60N, 1125440.26E

46KM FROM BINTULU AIRPORT

024938.83N, 1124505.82E 024922.71N, 1124525.52E

024802.45N, 1124348.73E 024747.04N, 1124445.00E

024432.87N, 1123915.62E 024316.89N, 1124007.23E

NYABUR INTERCHANGE (11KM FROM BINTULU AIRPORT)

031146.49N, 1130509.27E 031151.26N, 1130509.12E

031148.56N, 1130552.40E 031159.77N, 1130553.89E

031159.99N, 1130557.75E 031148.26N, 1130556.99E

031145.27N, 1130613.14E 031141.61N, 1130610.89E

031144.95N, 1130528.98E 031129.25N, 1130532.11E

031128.08N, 1130528.57E 031145.33N, 1130525.00E

F) SFC G) 1000FT AMSL

NAV B) 2002030100 C) 2002130900 (D0083/20)

D) 0100-0900

E) UA ACT WILL TAKE PLACE AT COORDS:

PT1. 030333.75N 1125643.07E

PT2. 030515.16N 1125831.54E

PT3. 030606.09N 1130100.58E
PT4. 030719.99N 1130201.65E
PT5. 030652.49N 1130212.42E
PT6. 030536.85N 1130118.58E
PT7. 030238.15N 1125655.63E
(NEAR BINTULU AIRPORT)
F) SFC G) 1000FT AMSL

NAV B) 2002030000 C) 2002130900 (D0099/20)
D) 0000-0900
E) UA ACT WILL TAKE PLACE AT COORDS:
MIRI
WPC 10 SECTION 2
ZONE 1
033539.36N 1133953.28E 033727.08N 1134127.09E
033704.37N 1134145.23E 033545.76N 1134041.06E
033524.11N 1133959.77E
ZONE 2
033910.01N 1134324.53E 034135.71N 1134436.63E
034119.66N 1134503.31E 033852.58N 1134344.27E
ZONE 3
033908.71N 1134325.22E 034136.19N 1134438.89E
034122.49N 1134455.34E 033949.82N 1134417.76E
033854.69N 1134340.69E
ZONE 4
034136.19N 1134438.89E 034357.88N 1134555.75E
034323.52N 1134620.69E 034122.49N 1134455.34E
ZONE 5
034357.88N 1134555.75E 034501.79N 1134821.95E
034448.02N 1134835.66E 034323.52N 1134620.69E
ZONE 6
034501.79N 1134821.95E 034633.47N 1134834.48E
034656.99N 1134950.49E 034641.21N 1135004.90E
034448.02N 1134835.66E
ZONE 7
034656.99N 1134950.49E 034857.55N 1135120.18E
034858.25N 1135141.66E 034749.16N 1135129.30E
034641.21N 1135004.90E
ZONE8
034857.55N 1135120.18E 035032.95N 1135048.06E
035226.30N 1135259.18E 035200.46N 1135328.05E
035010.88N 1135115.02E 034858.25N 1135141.66E
F) SFC G) 1000FT AMSL

NAV B) 2002030000 C) 2002130900 (D0082/20)
D) 0000-0900
E) UA ACT WILL TAKE PLACE AT COORDS:
PT1. 041931.48N 1135813.67E
PT2. 042711.18N 1140158.93E
PT3. 041352.32N 1140236.08E
PT4. 042143.42N 1140423.67E
(NEARBY MIRI AIRPORT)
F) SFC G) 1000FT AMSL

NAV B) 2002030000 C) 2002130900 (D0101/20)
D) 0000-0900
E) UA ACT WILL TAKE PLACE AT COORDS:
MIRI - (WI 10NM RADIUS FM MIRI AIRPORT)
ZONE 9
040938.76N 1140047.48E 041045.87N 1140108.88E
041140.25N 1140220.60E 041128.65N 1140232.46E
041026.08N 1140121.53E 040930.54N 1140059.16E
ZONE 10
041140.25N 1140220.60E 041322.66N 1140316.44E
041317.62N 1140340.07E 041206.35N 1140353.74E
041128.65N 1140232.46E
ZONE 11
041322.66N 1140316.44E 041458.75N 1140222.82E
041522.61N 1140236.99E 041422.23N 1140352.01E
041317.62N 1140340.07E
ZONE 12
041458.75N 1140222.82E 041600.64N 1140142.88E
041735.68N 1140134.35E 041735.69N 1140152.68E
041522.61N 1140236.99E
ZONE 13
041735.68N 1140134.35E 041849.33N 1140149.68E
042004.79N 1135947.95E 042025.02N 1135948.22E

042036.75N 1140100.60E 041826.49N 1140219.37E
041735.69N 1140152.68E
SECTION 3 ZONE 1
042021.67N 1135902.46E 042254.98N 1140021.37E
042249.60N 1140107.66E 042055.77N 1140030.65E
041949.75N 1135932.88E
SECTION 3 ZONE 2
042254.98N 1140021.37E 042526.78N 1140132.06E
042504.86N 1140149.73E 042251.10N 1140101.23E
SECTION 3 ZONE 3
042506.58N 1140130.21E 042744.81N 1140155.95E
042746.39N 1140250.86E 042451.77N 1140253.66E
F) SFC G) 1000FT AMSL

NAV

B) 2002030000
D) 0000-0900

C) 2002130900

(D0100/20)

E) UA ACT WILL TAKE PLACE AT COORDS:

MIRI

WPC 11 SECTION 1

ZONE 1

035209.47N 1135258.36E 035437.81N 1135419.09E
035418.92N 1135431.82E 035228.35N 1135344.58E
035158.46N 1135308.99E

ZONE 2

035428.30N 1135414.86E 035653.26N 1135524.91E
035651.29N 1135546.74E 035516.72N 1135523.57E
035416.69N 1135430.18E

ZONE 3

035642.47N 1135529.33E 035757.23N 1135506.72E
035908.66N 1135607.97E 035853.92N 1135629.30E
035749.61N 1135537.46E 035645.40N 1135544.04E

ZONE 4

035855.03N 1135612.05E 040130.06N 1135634.17E
040135.14N 1135657.60E 040007.87N 1135708.97E
035843.17N 1135645.38E

ZONE 5

040121.83N 1135638.97E 040204.63N 1135624.59E
040252.13N 1135655.98E 040353.61N 1135702.70E
040345.29N 1135723.17E 040151.59N 1135715.51E
040123.05N 1135701.09E

ZONE 6

040353.61N 1135702.70E 040453.09N 1135716.87E
040526.07N 1135736.64E 040517.81N 1135751.37E
040345.29N 1135723.17E

ZONE 7

040526.07N 1135736.64E 040624.39N 1135756.09E
040741.75N 1135902.00E 040725.09N 1135913.37E
040517.81N 1135751.37E

ZONE 8

040741.75N 1135902.00E 040938.76N 1140047.48E
040930.54N 1140059.16E 040725.09N 1135913.37E

F) SFC G) 1000FT AMSL

NAV

B) 2002030000
D) 0000-0900

C) 2002130900

(D0098/20)

E) UA ACT WILL TAKE PLACE AT COORDS:

MIRI

WPC 10 SECTION 1

ZONE 1

032137.05N 1132433.63E 032214.19N 1132504.06E
032318.49N 1132736.51E 032303.49N 1132750.75E
032223.95N 1132704.79E 032201.76N 1132545.52E
032125.80N 1132455.08E

ZONE2

032309.93N 1132728.48E 032449.84N 1132943.83E
032431.56N 1132952.50E 032258.15N 1132744.76E

ZONE 3

032446.80N 1132937.84E 032531.27N 1133211.81E
032518.13N 1133224.13E 032444.55N 1133140.65E
032423.32N 1132949.93E

ZONE 4

032446.80N 1132937.84E 032531.27N 1133211.81E
032518.13N 1133224.13E 032444.55N 1133140.65E
032423.32N 1132949.93E

ZONE 5

032720.70N 1133336.65E 032842.58N 1133347.75E
032950.75N 1133445.17E 032932.49N 1133458.50E

ZONE 6

F) SFC G) 1400FT AMSL

NAV B) 2001030000 C) 2002071000 (D0004/20)
D) 0000-1000
E) AERIAL SURVEY WILL TAKE PLACE WI:
061516.88N 1161611.13E
064037.37N 1163451.43E
061218.16N 1163926.88E
060143.07N 1162655.72E
(KOTA BELUD AREA)
F) SFC G) 1500FT AGL

NAV B) 2001020400 C) 2002071000 (D0005/20)
D) 02 0400-1000 2200-2359
03-06 0000-1000 2200-2359
07 0000-1000
E) AERIAL SURVEY WILL TAKE PLACE WI:
055709.57N 1162648.79E
055706.33N 1164305.62E
060434.69N 1164309.61E
060443.44N 1162651.10E
(BTN AREA KIAU, KOTA BELUD - KUNDASANG, RANAU)
F) SFC G) 1500FT AGL

NAV B) 1912300046 C) 2003312359 EST (D1347/19)
E) THE AREAS BOUNDED BY THE COORD SPECIFIED IN AREA 1 TO 20 HAVE BEEN
DECLARED RISK AREA FOR THE HEL OPR DUE TO HAZARDOUS STRONG WIND
COND
EXC FOR:
1.MIL OPS
2.POLICE OPS
3.MERCY FLT(SUBJ TO CAAM APPROVAL)
AREA 1:061500N1163900E 061430N1163730E 061000N1163830E
060830N1163930E 061430N1163730E 061000N1164230E
AREA 2:5NM RADIUS CENTERED ON 060500N1163530E
AREA 3:050430N1163600E 050430N1163200E 053630N1163130E
053530N1163130E 053430N1163130E 053600N1163030E
053500N1162930E 053300N1162900E 053300N1162730E
053200N1162700E 053130N1162730E 053300N1163430E
AREA 4:055900N1170930N 055000N1170430E 054830N1170930E
055830N1171130E
AREA 5:054530N1165800E 055030N1165800E 055100N1165630E
054600N1165530E
AREA 6:3NM RADIUS CENTERED ON 050430N1171230E
AREA 7:045100N1170000E 045300N1165930E 045500N1165400E
045400N1164930E 045230N1164630E 045100N1164600E
045300N1165100E 045100N1165330E 045130N1165430E
045230N1165400E 045030N1165600E 045130N1165630E
AREA 8:2NM RADIUS CENTERED ON 045000N1162230E
AREA 9:2NM RADIUS CENTERED ON 045030N1154530E
AREA 10:2NM RADIUS CENTERED ON 042630N1165530E
AREA 11:2NM RADIUS CENTERED ON 042830N1170630E
AREA 12:051000N1155400E 051000N1155530E 051730N1155800E
051830N1155600E
AREA 13:3NM RADIUS CENTERED ON 055000N1162300E
AREA 14:3NM RADIUS CENTERED ON 045030N1154530E
AREA 15:3NM RADIUS CENTERED ON 044330N1154430E
AREA 16:2NM RADIUS CENTERED ON 043830N1153730E
AREA 17:2NM RADIUS CENTERED ON 043200N1154100E
AREA 18:2NM RADIUS CENTERED ON 042830N1154530E
AREA 19:2NM RADIUS CENTERED ON 042830N1154530E
AREA 20:2NM RADIUS CENTERED ON 042130N1154230E
MISSING PART 2
F) SFC G) UNL

NAV B) 1912300040 C) 2003312359 EST (D1346/19)
E) THE AREAS BOUNDED BY THE COORD SPECIFIED IN AREA 1 TO 14 HAVE
BEEN DECLARED RISK AREA FOR HEL OPR DUE TO HAZARDOUS STRONG
WIND COND EXC FOR:
1.MIL OPS
2.POLICE OPS
3.MERCY FLT (SUBJ CAAM APPROVAL)
AREA 1. 013700N1094000E 013500N1094500E 014900N1094500E
014900N1094000E
AREA 2. 010700N1101300E 010700N1101800E 011100N1101800E
011100N1101300E
AREA 3. 005700N1113200E 010300N1114000E 010000N1115000E

ASH: START OF VALIDITY: 2002020705 (9129)
 A) WAAF
 B) 2001242303
 C) DUKONO 268-010
 D)N0141 E12753
 E)ORANGE ALERT
 F)SFC/FL070 N0142 E12755 - N0054 E12758 - N0056 E12730 - N0143 E12750
 G)MOV S 15KT
 H)NIL
 I)NIL
 J)HIMAWARI-8
 K)CONTINUOUS VA EMISSION TO FL070 MOV S LAST
 OBS 02/0440Z
 FCST VA CLD +6 HR: 02/1305Z SFC/FL070 N0142 E12755 - N0051
 E12759 - N0055 E12728 - N0143 E12750
 FCST VA CLD +12 HR: 02/1905Z SFC/FL070 N0142 E12756 - N0053
 E12759 - N0046 E12737 - N0101 E12723 - N0144 E12750
 FCST VA CLD +18 HR: 03/0105Z SFC/FL070 N0143 E12756 - N0054
 E12747 - N0049 E12724 - N0106 E12716 - N0145 E12748
 RMK: VA OBSCURED BY MET CLOUD, HOWEVER VA STILL EXPECTED IN
 THE AREA. VA FORECAST MOV BASED ON CONSENSUS MODEL GUIDANCE.

ASH: START OF VALIDITY: 2002020436 (9128)
 A) WAAF
 B) 2012030008
 C) IBU 268-030
 D) N0129 E12738
 E) ORANGE ALERT
 F) SFC/FL070 VA NOT IDENTIFIABLE FM SATELLITE
 G) WIND 360/15KT
 H) NIL
 I) NIL
 J) HIMAWARI-8
 K) MINOR DISCRETE ERUPTION CEASED.
 FCST VA CLD +6 HR: 02/1036Z NO VA EXP
 FCST VA CLD +12 HR: 02/1636Z NO VA EXP
 FCST VA CLD +18 HR: 02/2236Z NO VA EXP
 RMK: MINOR DISCRETE ERUPTIONS HAVE STOPPED. VA
 UNIDENTIFIABLE ON LATEST SATELLITE IMAGERY.

CNS **B)** 2001311144 **C)** 2002291215 (A0291/20)
E) RADAR HEAD WAINGAPU 250NM RADIUS CENTRED ON 094005.0S1201036.0E U/S
 DUE TO TECR
 RMK : ADS-B SERVICE AVBL
F) FL245 **G)** FL600

CNS **B)** 1911201156 **C)** PERM (A4366/19)
E) ZV NDB REPLACED BY POINT ZDVEE WITH COORDINATE
 033942.00S1334430.00E
 REF AIP VOL I AMDT 31 DATED 05 APR 12 PAGE ENR 3.1-40 AND 3.1-41

ATM **B)** 2001181130 **C)** 2004182330 EST (A0145/20)
E) BALI EAST RADAR COMBINE ON FREQ 119.3MHZ WITH CALLSIGN BALI
 WEST RADAR BTN 1130-1530
 BALI EAST RADAR AND BALI WEST RADAR COMBINE ON FREQ 119.7MHZ
 WITH CALLSIGN BALI DIRECTOR BTN 1530-2330
 REF AIP INDONESIA VOL II AMDT 77 DATED 21 MAR 19 SUBSECTION WADD AD
 2.18 ATS COMMUNICATION FACILITIES

ATM **B)** 2001151306 **C)** 2004152359 (A0118/20)
E) REF AIP VOL I AMDT 31 DATED 05 APR 12 ENR 3 ATS ROUTE
 SIGNIFICANT POINT NDB 'NQ' TEMPORARY REPLACED BY POINT 'SMAWA' COOR
 082827.00S1172417.00E RDL 074 DIST 68.3NM FM 'LMB' VOR
 RMK: AFFECTED ROUTE: W42, W43, A344, A587

ATM **B)** 2001132000 **C)** 2004131100 (B0132/20)
E) REF AIRAC AIP SUP NR 08 DATED 15 MAR 18 EXTENDING TRIAL OPERATION
 OF REMOTLY AERODROME FLIGHT INFORMATION SERVICES (R-AFIS),
 TRAFFIC INFORMATION BROADCAST BY AIRCRAFT (TIBA) AND FLIGHT WATCH
 WITHIN UNCONTROLLED AERODROME IN PAPUA AREA

ATM **B)** 2001030000 **C)** 2003022359 EST (A0012/20)
E) REF AIP VOL I AMDT 31 DATED 05 APR 12 ENR 3 ATS ROUTE SIGNIFICANT
 POINT NDB 'PO' TEMPORARY REPLACED BY POINT 'MUSAD' COOR
 083226.6S1184129.9E RDL 178 DIST 0.39 NM FM 'NMA' VOR

BALLOON SPECIFICATION :
WEIGHT : 0.6KG
COLOUR : WHITE
DIAMETER : 1.5M
RMK: ALL TFC SHALL OBS
F) SFC G) UNL

NAV **B) 2001120100** **C) 2004120930** (B0116/20)
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) 2001072330** **C) 2004010100** (A4720/19)
D) JAN 07-08 14-15 21-22 28-29
FEB 04-05 11-12 18-19 25-26
MAR 03-04 10-11 17-18 24-25 31-APR 01 2330-0100
E) ASCENT OF FREE BALLOON RAWINSONDE WILL TAKE PLACE OVER MET
STATION I GUSTI NGURAH RAI AP RADIUS 25NM CENTRED ON
084459.64S1151037.01E
BALLOON SPECIFICATION :
WEIGHT : 1200GR
COLOUR : WHITE
HEIGHT OF BALLOON AND TRANSMITTER : 5M
BALLOON DIAMETER : 1.5M
TRANSMITTER DIAMETER : 13.1CM X 5.5CM X 5.3CM
RATE OF ASCENT BALLOON : 1000FT/MINUTES
RMK : ALL TFC SHALL OBS
F) GND G) UNL

NAV **B) 2001031730** **C) 2004031830** (A0026/20)
D) DAILY JAN 03 1730-1830 AND JAN 03-APR 03 2330-0100 0530-0630
1130-1300 1730-1830
E) ASCENT OF FREE BALLOON RASON AND PIBAL WILL TAKE PLACE RADIUS
13.4989NM CENTRED ON 072226.99S1124653.77E (JUANDA AP) BALLOON
SPESIFICATION :
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) 2001010000** **C) 2003300800** (B6241/19)
D) DAILY 0000-0800
E) UNMANNED AERIAL VEHICLE (UAV) WILL TAKE PLACE WI AREA AS FLW:
020652.52S1152630.16E - 020653.47S1153638.01E - 021323.70S1153636
.00E
-021920.95S1153112.73E - 021920.64S1152629.77E -
021846.64S1145153.27E -021636.51S1145153.27E - 020652.52S1152630.16E
F) SFC G) 1000FT MSL

NAV **B) 1912152300** **C) 2003150900** (A4621/19)
D) DAILY 2300-0900
E) PARAGLIDING ACT WILL TAKE PLACE WI COORD AS FLW:
012517.20N1244929.22E - 012501.36N1244840.85E - 012613.82N1244926
.62E
- 012517.20N1244929.22E
RMK: ALL TFC SUBJ ATC CLR
F) GND G) 2500FT MSL

NAV **B) 1912142300** **C) 2003100930** (A4615/19)
D) DAILY 2300-0400 0500-0930
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) 1911122300 C) PERM (A4305/19)
D) TUE 2300-WED 0100
E) ASCENT OF FREE BALLOON RADIO SONDE WILL TAKE PLACE WI 22NM RADIUS
CENTRED ON 011545.30S1165340.10E (MET STATION SULTAN AJI MUHAMMAD
SULAIMAN SEPINGGAN AP)
BALLOON SPECIFICATION :
WEIGHT : 550GRAM
COLOUR : WHITE
DIAMETER : 0.8M
RATE OF ASCENT BALLOON : 500FT/MINUTES
RMK : ALL TFC SHALL OBSERVATION
REF AIP VOL II AMDT 77 DATED 21 MAR 19 SUBSECTION WALL AD 2.11
METEOROLOGICAL INFORMATION PROVIDED
F) SFC G) UNL

NAV B) 1911122300 C) PERM (A4306/19)
D) DLY 2300-0000, 0500-0600 1100-1200
E) ASCENT OF FREE BALLOON PIBAL WILL TAKE PLACE WI 11NM RADIUS
CENTRED ON 011545.30S1165340.10E (MET STATION SULTAN AJI MUHAMMAD
SULAIMAN SEPINGGAN AP)
BALLOON SPECIFICATION :
WEIGHT : 30GRAM
COLOUR : RED
DIAMETER : 0.6M
RATE OF ASCENT BALLOON : 500FT/MINUTES
RMK : ALL TFC SHALL OBSERVATION
REF AIP VOL II AMDT 77 DATED 21 MAR 19 SUBSECTION WALL AD 2.11
METEOROLOGICAL INFORMATION PROVIDED
F) SFC G) UNL

END OF DOCUMENT