

Lampiran 1 : Informasi General Bandara Dewadaru

| | | | |
|---------------------|--|---------------------|-----------------------------------|
| IATA | : KWB | ICAO | : WAHU |
| Propinsi | : Jawa Tengah | | |
| Alamat | : Desa Kemujan, Kepulauan Karimunjawa, Kel. Kemojan, Kec. Karimunjawa, Kab. Jepara, Jawa Tengah, 59455 | | |
| Jarak | 78.00 km | Dari | : Kabupaten Jepara |
| | 130.11 km | Dari | : Kota Semarang |
| | | Ibukota | |
| | | Propinsi | |
| | 405.84 km | Dari Ibu | : Jakarta |
| | | Kota Negara | |
| Longitude | : 110.477708 | Latitude | : -5.800290 |
| | 110° 28' 39.75" E | | 5° 48' 1.04" S |
| Elevasi | : 9.52 msl (31.23 ft sl) | | |
| Kategori | : Bandara Domestik | Hajj Airport | : No |
| Kelas | : Kelas III | Operator | : Unit Penyelenggara Bandar Udara |
| Jam Operasi | : 07:00 - 14:00 WIB | | |
| Maskapai | : ATR 72 | | |
| Servis LLU | : AFIS | | |
| Meteorology | : Ada | | |
| Services | | | |
| Servis DPPU | : Tidak Ada | | |
| Servis | : Ada | | |
| Internet | | | |
| Fasilitas | : - | | |
| Publik | | | |
| Transportasi | : - | | |
| Publik | | | |
| Rencana | : KP 451 Tahun 2011 tanggal 19 Mei 2011 | | |
| Induk | | | |

Sumber: Direktorat Jenderal Perhubungan Udara

Lampiran 2 : Ukuran Bandar Udara Dewadaru

| | |
|--------------------------------------|-------------------------------------|
| Informasi Terminal | |
| Ukuran / dimensi | 12 m x 10m |
| Total Area | 120 m ² |
| Kapasitas | 30 orang |
| Landasan Pacu / Runway | |
| Ukuran / dimensi | 1200m x 30m |
| Total Area | 36000 m ² |
| Konstruksi | Aspal Hotmix |
| Azimuth | 13-31 |
| PCN | 15 F/C/Y/T |
| Daerah Transisional | Tebing ketinggian variatif 0 s/d 9m |
| Taxyway | |
| Total Area | 975 m ² |
| Konstruksi | Aspal Hotmix |
| PCN | 15F/C/Y/T |
| Apron | |
| Total Area | 4550m ² |
| Kapasitas Pesawat Udara | ATR 72-600 atau yang sejenis |
| Konstruksi | Aspal Hotmix |
| PCN | 15/F/C/Y/T |
| Landasan Hubung | |
| Ukuran / Dimension | 65m x 15m |
| Total Area | 975 m ² |
| Konstruksi / Surface | Aspal Hotmix |
| PCN | 15 F/C/Y/T |
| Kapasitas | ATR 72-600 atau yang sejenis |
| Daerah RESA | |
| Ukuran / Dimensi | 180m x 60m |
| Total Area | 10.800 m ² |
| Konstruksi | Tanah Padat |
| Landasan Putar / Turning Area | |
| Ukuran / Dimension | 4m x 375m |
| Total Area | 1,500 m ² |
| Konstruksi / Surface | Aspal Hotmix |
| PCN | 14 F/C/Y/T |
| Daerah Henti / Stop Way | |

| | |
|-------------------------------------|------------------------|
| Ukuran / Dimension | 80m x 60m |
| Total Area | 4,800 m ² |
| Konstruksi / Surface | Rumput |
| Landasan Pacu / Runway Strip | |
| Ukuran / Dimension | 1,320 m x 80 m |
| Total Area | 105,600 m ² |
| Konstruksi / Surface | Tanah Padat |
| Hangar | |
| - | |

Sumber: <http://hubud.dephub.go.id/?en/bandara/detail/103>



Lampiran 3: Data Aktivitas Penumpang Bandara Dewadaru

1. Kedatangan

| Bulan/Tahun | 2015 | 2016 | 2017 | 2018 | 2019 |
|--------------|-------------|-------------|-------------|-------------|-------------|
| Januari | 6 | 1 | 0 | 7 | 271 |
| Februari | 0 | 89 | 8 | 40 | 157 |
| Maret | 0 | 166 | 39 | 51 | 507 |
| April | 0 | 156 | 49 | 51 | 434 |
| Mei | 145 | 217 | 193 | 141 | 346 |
| Juni | 205 | 259 | 192 | 199 | 823 |
| Juli | 294 | 287 | 212 | 291 | 835 |
| Agustus | 346 | 397 | 284 | 696 | 1141 |
| September | 279 | 309 | 208 | 467 | 809 |
| Oktober | 284 | 241 | 146 | 380 | 710 |
| November | 119 | 151 | 67 | 742 | 760 |
| Desember | 109 | 124 | 150 | 957 | 960 |
| Total | 1787 | 2397 | 1548 | 4022 | 7753 |

Sumber: Direktorat Jenderal Perhubungan Udara

2. Keberangkatan

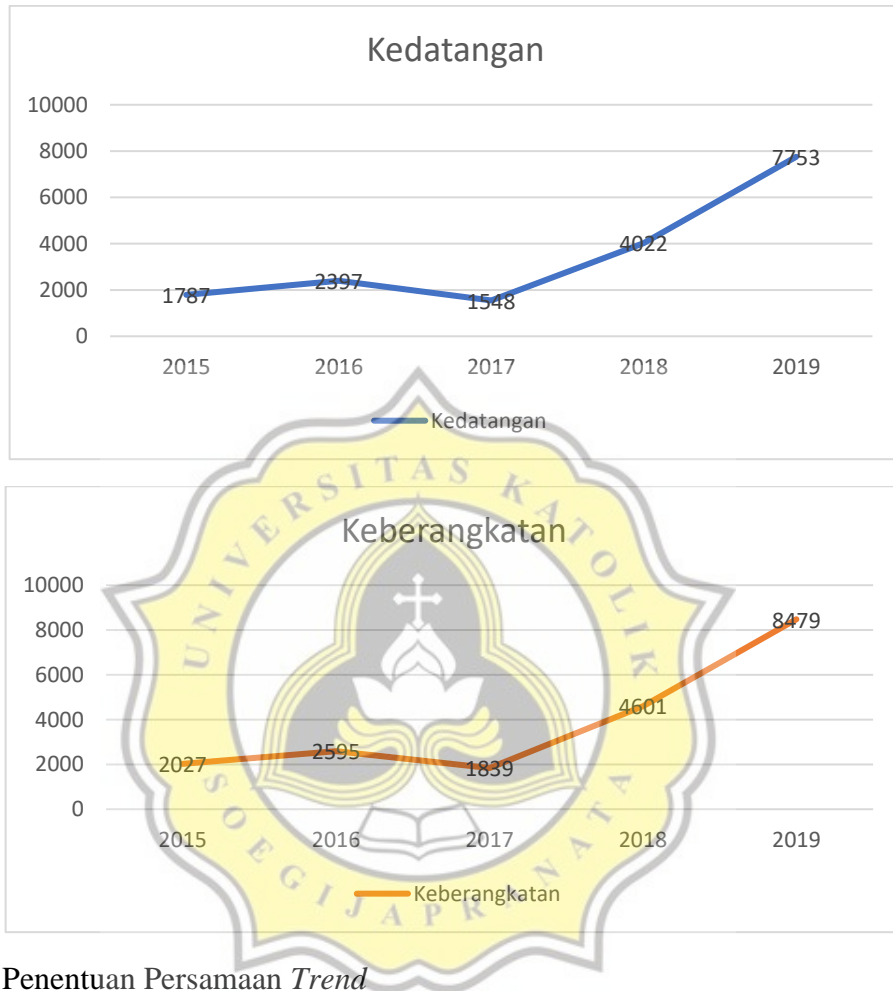
| Bulan/Tahun | 2015 | 2016 | 2017 | 2018 | 2019 |
|--------------|-------------|-------------|-------------|-------------|-------------|
| Januari | 6 | 2 | 0 | 25 | 570 |
| Februari | 0 | 103 | 1 | 72 | 210 |
| Maret | 0 | 190 | 83 | 89 | 511 |
| April | 0 | 157 | 73 | 42 | 507 |
| Mei | 238 | 211 | 142 | 164 | 409 |
| Juni | 217 | 236 | 192 | 220 | 869 |
| Juli | 354 | 323 | 253 | 307 | 877 |
| Agustus | 346 | 442 | 344 | 826 | 1074 |
| September | 311 | 348 | 222 | 601 | 955 |
| Oktober | 288 | 292 | 209 | 540 | 769 |
| November | 114 | 136 | 120 | 755 | 763 |
| Desember | 153 | 155 | 200 | 960 | 965 |
| Total | 2027 | 2595 | 1839 | 4601 | 8479 |

Sumber: Direktorat Jenderal Perhubungan Udara

Lampiran 4 : Prediksi Penumpang Waktu Sibuk Tahun 2025

Dalam menganalisis data, maka digunakan persamaan *trend*. Analisis data dilakukan dengan metode dekomposisi dengan langkah:

1. Pembuatan diagram *Scatter*



2. Penentuan Persamaan *Trend*

Trend merupakan rata – rata perubahan dalam jangka panjang. Adapun persamaan *trend* yang digunakan adalah metode *trend linier*.

$$\hat{Y}_i = a + bX_i$$

Persamaan *trend* dengan *least squared method* untuk kedatangan penumpang

Tabel a : Persamaan Trend dengan Least Squared Method untk Kedatangan

| Tahun | Jml Kedatangan (Y _i) | X _i | X _i Y _i | X _i ² |
|-------|----------------------------------|----------------|-------------------------------|-----------------------------|
| 2015 | 1787 | -2 | -3574 | 4 |
| 2016 | 2397 | -1 | -2397 | 1 |
| 2017 | 1548 | 0 | 0 | 0 |
| 2018 | 4022 | 1 | 4022 | 1 |

| | | | | |
|------------|--------------|----------|--------------|-----------|
| 2019 | 7753 | 2 | 15506 | 4 |
| Jml | 17507 | 0 | 13557 | 10 |

Berdasarkan tabel a maka persamaan yang terbentuk adalah

$$\hat{Y}_i = a + bX_i$$

$$a = \frac{\sum_{i=1}^7 Y_i}{n} = \frac{17507}{5} = 3501,4$$

$$b = \frac{\sum_{i=1}^7 X_i Y_i}{\sum_{i=1}^7 X_i^2} = \frac{13557}{10} = 1355,7$$

$$Y = 3401,4 + 1355,7 X_i \dots\dots (\text{tahun})$$

$$Y = 291,78 + 9,4 X_i \dots\dots\dots (\text{bulan})$$

Persamaan *trend* dengan *least squared method* untuk keberangkatan penumpang

Tabel b : Persamaan Trend dengan Least Squared Method untk Kedatangan

| Tahun | Jml Kedatangan (Y _i) | X _i | X _i Y _i | X _i ² |
|------------|--|----------------|-------------------------------|-----------------------------|
| 2015 | 2027 | -2 | -4054 | 4 |
| 2016 | 2595 | -1 | -2595 | 1 |
| 2017 | 1839 | 0 | 0 | 0 |
| 2018 | 4601 | 1 | 4601 | 1 |
| 2019 | 8479 | 2 | 16958 | 4 |
| Jml | 19541 | 0 | 14910 | 10 |

Berdasarkan tabel b maka persamaan yang terbentuk adalah:

$$\hat{Y}_i = a + bX_i$$

$$a = \frac{\sum_{i=1}^7 Y_i}{n} = \frac{19541}{5} = 3908,2$$

$$b = \frac{\sum_{i=1}^7 X_i Y_i}{\sum_{i=1}^7 X_i^2} = \frac{14910}{10} = 1491$$

$$Y = 3908,2 + 1491 X_i \dots\dots (\text{tahun})$$

$$Y = 325,68 + 10,35 X_i \dots\dots\dots (\text{bulan})$$

- a. Skala X Bulan Untuk Kedatangan dan Keberangkatan Penumpang

Tabel c : Skala X untk Trend Bulanan pada Kedatangan & Keberangkatan

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|-----|-------|-------|------|------|------|------|------|------|------|------|------|
| Jan | -29,5 | -17,5 | -5,5 | 6,5 | 18,5 | 30,5 | 42,5 | 54,5 | 66,5 | 78,5 | 90,5 |
| Feb | -28,5 | -16,5 | -4,5 | 7,5 | 19,5 | 31,5 | 43,5 | 55,5 | 67,5 | 79,5 | 91,5 |
| Mar | -27,5 | -15,5 | -3,5 | 8,5 | 20,5 | 32,5 | 44,5 | 56,5 | 68,5 | 80,5 | 92,5 |
| Apr | -26,5 | -14,5 | -2,5 | 9,5 | 21,5 | 33,5 | 45,5 | 57,5 | 69,5 | 81,5 | 93,5 |
| Mei | -25,5 | -13,5 | -1,5 | 10,5 | 22,5 | 34,5 | 46,5 | 58,5 | 70,5 | 82,5 | 94,5 |
| Jun | -24,5 | -12,5 | -0,5 | 11,5 | 23,5 | 35,5 | 47,5 | 59,5 | 71,5 | 83,5 | 95,5 |

| | | | | | | | | | | | |
|-----|-------|-------|-----|------|------|------|------|------|------|------|-------|
| Jul | -23,5 | -11,5 | 0,5 | 12,5 | 24,5 | 36,5 | 48,5 | 60,5 | 72,5 | 84,5 | 96,5 |
| Agt | -22,5 | -10,5 | 1,5 | 13,5 | 25,5 | 37,5 | 49,5 | 61,5 | 73,5 | 85,5 | 97,5 |
| Sep | -21,5 | -9,5 | 2,5 | 14,5 | 26,5 | 38,5 | 50,5 | 62,5 | 74,5 | 86,5 | 98,5 |
| Okt | -20,5 | -8,5 | 3,5 | 15,5 | 27,5 | 39,5 | 51,5 | 63,5 | 75,5 | 87,5 | 99,5 |
| Nov | -19,5 | -7,5 | 4,5 | 16,5 | 28,5 | 40,5 | 52,5 | 64,5 | 76,5 | 88,5 | 100,5 |
| Des | -18,5 | -6,5 | 5,5 | 17,5 | 29,5 | 41,5 | 53,5 | 65,5 | 77,5 | 89,5 | 101,5 |

- b. Menentukan Nilai *Trend* Tiap Bulan dari Tahun 2015 – 2019 untuk Kedatangan dan Keberangkatan

Kedatangan

Tabel d : Trend Jml Kedatangan Penumpang Pesawat Setiap Bulan

| | 2015 | 2016 | 2017 | 2018 | 2019 |
|-----------|--------|--------|--------|--------|--------|
| Januari | 14,48 | 127,28 | 240,08 | 352,88 | 465,68 |
| Februari | 23,88 | 136,68 | 249,48 | 362,28 | 475,08 |
| Maret | 33,28 | 146,08 | 258,88 | 371,68 | 484,48 |
| April | 42,68 | 155,48 | 268,28 | 381,08 | 493,88 |
| Mei | 52,08 | 164,88 | 277,68 | 390,48 | 503,28 |
| Juni | 61,48 | 174,28 | 287,08 | 399,88 | 512,68 |
| Juli | 70,88 | 183,68 | 296,48 | 409,28 | 522,08 |
| Agustus | 80,28 | 193,08 | 305,88 | 418,68 | 531,48 |
| September | 89,68 | 202,48 | 315,28 | 428,08 | 540,88 |
| Oktober | 99,08 | 211,88 | 324,68 | 437,48 | 550,28 |
| November | 108,48 | 221,28 | 334,08 | 446,88 | 559,68 |
| Desember | 117,88 | 230,68 | 343,48 | 456,28 | 569,08 |

Keberangkatan

Tabel e : Trend Jml Keberangkatan Penumpang Pesawat Setiap Bulan

| | 2015 | 2016 | 2017 | 2018 | 2019 |
|-----------|---------|---------|---------|---------|---------|
| Januari | 20,355 | 144,555 | 268,755 | 392,955 | 517,155 |
| Februari | 30,705 | 154,905 | 279,105 | 403,305 | 527,505 |
| Maret | 41,055 | 165,255 | 289,455 | 413,655 | 537,855 |
| April | 51,405 | 175,605 | 299,805 | 424,005 | 548,205 |
| Mei | 61,755 | 185,955 | 310,155 | 434,355 | 558,555 |
| Juni | 72,105 | 196,305 | 320,505 | 444,705 | 568,905 |
| Juli | 82,455 | 206,655 | 330,855 | 455,055 | 579,255 |
| Agustus | 92,805 | 217,005 | 341,205 | 465,405 | 589,605 |
| September | 103,155 | 227,355 | 351,555 | 475,755 | 599,955 |
| Oktober | 113,505 | 237,705 | 361,905 | 486,105 | 610,305 |
| November | 123,855 | 248,055 | 372,255 | 496,455 | 620,655 |
| Desember | 134,205 | 258,405 | 382,605 | 506,805 | 631,005 |

c. Menentukan Presentase Nilai Real Terhadap Nilai *Trend*

Kedatangan

Tabel f : Presentase Niali Real Terhadap Trend untuk Kedatangan Penumpang (%)

| | 2015 | 2016 | 2017 | 2018 | 2019 |
|-----------|----------|----------|----------|----------|----------|
| Januari | 41,43646 | 0,785669 | 0 | 1,983677 | 58,19447 |
| Februari | 0 | 65,1156 | 3,20667 | 11,04118 | 33,04707 |
| Maret | 0 | 113,6364 | 15,06489 | 13,72148 | 104,6483 |
| April | 0 | 100,3344 | 18,2645 | 13,38302 | 87,8756 |
| Mei | 278,4178 | 131,6109 | 69,50447 | 36,1094 | 68,74901 |
| Juni | 333,4418 | 148,6114 | 66,88031 | 49,76493 | 160,529 |
| Juli | 414,7856 | 156,25 | 71,50567 | 71,10047 | 159,9372 |
| Agustus | 430,9915 | 205,6143 | 92,84687 | 166,2367 | 214,6835 |
| September | 311,1062 | 152,6077 | 65,9731 | 109,0918 | 149,5711 |
| Oktober | 286,6371 | 113,7436 | 44,96735 | 86,86111 | 129,0252 |
| November | 109,6976 | 68,23933 | 20,05508 | 166,0401 | 135,7919 |
| Desember | 92,46692 | 53,75412 | 43,67066 | 209,7396 | 168,6933 |

Keberangkatan

Tabel g : Presentase Niali Real Terhadap Trend untuk Keberangkatan Penumpang (%)

| | 2015 | 2016 | 2017 | 2018 | 2019 |
|-----------|----------|----------|----------|----------|----------|
| Januari | 29,47679 | 1,383556 | 0 | 6,362052 | 110,2184 |
| Februari | 0 | 66,49237 | 0,358288 | 17,85249 | 39,81005 |
| Maret | 0 | 114,9738 | 28,67458 | 21,51551 | 95,00702 |
| April | 0 | 89,4052 | 24,34916 | 9,905544 | 92,48365 |
| Mei | 385,3939 | 113,4683 | 45,78356 | 37,75713 | 73,22466 |
| Juni | 300,95 | 120,2211 | 59,90546 | 49,471 | 152,7496 |
| Juli | 429,3251 | 156,2991 | 76,46854 | 67,46437 | 151,4014 |
| Agustus | 372,8247 | 203,6819 | 100,8192 | 177,4798 | 182,1559 |
| September | 301,4881 | 153,0646 | 63,14801 | 126,3255 | 159,1786 |
| Oktober | 253,7333 | 122,8413 | 57,74996 | 111,0871 | 126,0026 |
| November | 92,04311 | 54,82655 | 32,23597 | 152,0782 | 122,9346 |
| Desember | 114,0047 | 59,98336 | 52,27323 | 189,422 | 152,9306 |

d. Mencari Nilai Median Setiap Bulan untuk Kedatangan dan Keberangkatan Penumpang Pesawat

Kedatangan

Tabel h : Perhitungan Nilai Median Setiap Bulan untk Kedatangan Penumpang

| | 1 | 2 | 3 | 4 | 5 | Median |
|---------|---|---|---|---|-----|--------|
| Januari | 6 | 1 | 0 | 7 | 271 | 0 |

| | | | | | | |
|---------------|-----|-----|-----|-----|------|-------------|
| Februari | 0 | 89 | 8 | 40 | 157 | 8 |
| Maret | 0 | 166 | 39 | 51 | 507 | 39 |
| April | 0 | 156 | 49 | 51 | 434 | 49 |
| Mei | 145 | 217 | 193 | 141 | 346 | 193 |
| Juni | 205 | 259 | 192 | 199 | 823 | 192 |
| Juli | 294 | 287 | 212 | 291 | 835 | 212 |
| Agustus | 346 | 397 | 284 | 696 | 1141 | 284 |
| September | 279 | 309 | 208 | 467 | 809 | 208 |
| Oktober | 284 | 241 | 146 | 380 | 710 | 146 |
| November | 119 | 151 | 67 | 742 | 760 | 67 |
| Desember | 109 | 124 | 150 | 957 | 960 | 150 |
| Jumlah | | | | | | 1548 |

$$\text{Rata - rata median} = \frac{1548}{12} = 129$$

Keberangkatan

Tabel i : Perhitungan Nilai Median Setiap Bulan untuk Keberangkatan Penumpang

| | 1 | 2 | 3 | 4 | 5 | Median |
|---------------|-----|-----|-----|-----|------|-------------|
| Januari | 6 | 2 | 0 | 25 | 570 | 0 |
| Februari | 0 | 103 | 1 | 72 | 210 | 1 |
| Maret | 0 | 190 | 83 | 89 | 511 | 83 |
| April | 0 | 157 | 73 | 42 | 507 | 73 |
| Mei | 238 | 211 | 142 | 164 | 409 | 142 |
| Juni | 217 | 236 | 192 | 220 | 869 | 192 |
| Juli | 354 | 323 | 253 | 307 | 877 | 253 |
| Agustus | 346 | 442 | 344 | 826 | 1074 | 344 |
| September | 311 | 348 | 222 | 601 | 955 | 222 |
| Oktober | 288 | 292 | 209 | 540 | 769 | 209 |
| November | 114 | 136 | 120 | 755 | 763 | 120 |
| Desember | 153 | 155 | 200 | 960 | 965 | 200 |
| Jumlah | | | | | | 1839 |

$$\text{Rata - rata median} = \frac{1839}{12} = 153,25$$

3. Menentukan Flaktuasi Musim

$$\text{Nilai Index Musim} = \frac{\text{nilai median masing - masing bulan}}{\text{nilai rata - rata median}} \times 100\%$$

Tabel j : Nilai Index Musiman

| Kedatangan | | Keberangkatan | |
|------------|---------|---------------|----------|
| Bulan | Musim % | Bulan | Musim % |
| Januari | 0 | Januari | 0 |
| Februari | 6,20155 | Februari | 0,652529 |

| | | | |
|-----------|----------|-----------|----------|
| Maret | 30,23256 | Maret | 54,15987 |
| April | 37,9845 | April | 47,63458 |
| Mei | 149,6124 | Mei | 92,65905 |
| Juni | 148,8372 | Juni | 125,2855 |
| Juli | 164,3411 | Juli | 165,0897 |
| Agustus | 220,155 | Agustus | 224,4698 |
| September | 161,2403 | September | 144,8613 |
| Oktober | 113,1783 | Oktober | 136,3785 |
| November | 51,93798 | November | 78,30343 |
| Desember | 116,2791 | Desember | 130,5057 |

4. Menentukan Nilai *Trend* Tiap Bulan tahun 2020-2025 untuk Kedatangan dan Keberangkatan

Kedatangan

Tabel k :Trend Kedatangan Penumpang Setiap Bulan untk Tahun Peramalan

| | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|-----------|--------|--------|--------|---------|---------|---------|
| Januari | 578,48 | 691,28 | 804,08 | 916,88 | 1029,68 | 1142,48 |
| Februari | 587,88 | 700,68 | 813,48 | 926,28 | 1039,08 | 1151,88 |
| Maret | 597,28 | 710,08 | 822,88 | 935,68 | 1048,48 | 1161,28 |
| April | 606,68 | 719,48 | 832,28 | 945,08 | 1057,88 | 1170,68 |
| Mei | 616,08 | 728,88 | 841,68 | 954,48 | 1067,28 | 1180,08 |
| Juni | 625,48 | 738,28 | 851,08 | 963,88 | 1076,68 | 1189,48 |
| Juli | 634,88 | 747,68 | 860,48 | 973,28 | 1086,08 | 1198,88 |
| Agustus | 644,28 | 757,08 | 869,88 | 982,68 | 1095,48 | 1208,28 |
| September | 653,68 | 766,48 | 879,28 | 992,08 | 1104,88 | 1217,68 |
| Oktober | 663,08 | 775,88 | 888,68 | 1001,48 | 1114,28 | 1227,08 |
| November | 672,48 | 785,28 | 898,08 | 1010,88 | 1123,68 | 1236,48 |
| Desember | 681,88 | 794,68 | 907,48 | 1020,28 | 1133,08 | 1245,88 |

Keberangkatan

Tabel l :Trend Keberangkatan Penumpang Setiap Bulan untk Tahun Peramalan

| | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|-----------|---------|---------|---------|----------|----------|----------|
| Januari | 641,355 | 765,555 | 889,755 | 1013,955 | 1138,155 | 1262,355 |
| Februari | 651,705 | 775,905 | 900,105 | 1024,305 | 1148,505 | 1272,705 |
| Maret | 662,055 | 786,255 | 910,455 | 1034,655 | 1158,855 | 1283,055 |
| April | 672,405 | 796,605 | 920,805 | 1045,005 | 1169,205 | 1293,405 |
| Mei | 682,755 | 806,955 | 931,155 | 1055,355 | 1179,555 | 1303,755 |
| Juni | 693,105 | 817,305 | 941,505 | 1065,705 | 1189,905 | 1314,105 |
| Juli | 703,455 | 827,655 | 951,855 | 1076,055 | 1200,255 | 1324,455 |
| Agustus | 713,805 | 838,005 | 962,205 | 1086,405 | 1210,605 | 1334,805 |
| September | 724,155 | 848,355 | 972,555 | 1096,755 | 1220,955 | 1345,155 |

| | | | | | | |
|----------|---------|---------|----------|----------|----------|----------|
| Oktober | 734,505 | 858,705 | 982,905 | 1107,105 | 1231,305 | 1355,505 |
| November | 744,855 | 869,055 | 993,255 | 1117,455 | 1241,655 | 1365,855 |
| Desember | 755,205 | 879,405 | 1003,605 | 1127,805 | 1252,005 | 1376,205 |

5. Ramalan Jumlah Penumpang Pesawat

$$\text{Ramalan} = \frac{\text{nilai trend} \times \text{nilai index minimum}}{100}$$

Kedatangan

Tabel m : Ramalan Jml Kedatangan Penumpang

| | 2020 | 2021 | 2022 | 2023 | 2024 |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Januari | 0 | 0 | 0 | 0 | 0 |
| Februari | 36,45767 | 43,45302 | 50,44837 | 57,44372 | 64,43907 |
| Maret | 180,573 | 214,6753 | 248,7777 | 282,88 | 316,9823 |
| April | 230,4443 | 273,2909 | 316,1374 | 358,9839 | 401,8304 |
| Mei | 921,7321 | 1090,495 | 1259,258 | 1428,02 | 1596,783 |
| Juni | 930,947 | 1098,835 | 1266,724 | 1434,612 | 1602,5 |
| Juli | 1043,369 | 1228,745 | 1414,122 | 1599,499 | 1784,876 |
| Agustus | 1418,415 | 1666,75 | 1915,085 | 2163,42 | 2411,754 |
| September | 1053,996 | 1235,875 | 1417,754 | 1599,633 | 1781,512 |
| Oktober | 750,4626 | 878,1278 | 1005,793 | 1133,458 | 1261,123 |
| November | 349,2726 | 407,8586 | 466,4447 | 525,0307 | 583,6167 |
| Desember | 792,8837 | 924,0465 | 1055,209 | 1186,372 | 1317,535 |
| Total | 7708,552 | 9062,152 | 10415,75 | 11769,35 | 13122,95 |

Keberangkatan

Tabel n : Ramalan Jml Keberangkatan Penumpang

| | 2020 | 2021 | 2022 | 2023 | 2024 |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Januari | 0 | 0 | 0 | 0 | 0 |
| Februari | 4,252561 | 5,063002 | 5,873442 | 6,683883 | 7,494323 |
| Maret | 358,5681 | 425,8347 | 493,1012 | 560,3678 | 627,6344 |
| April | 320,2973 | 379,4595 | 438,6216 | 497,7838 | 556,9459 |
| Mei | 632,6343 | 747,7169 | 862,7994 | 977,882 | 1092,965 |
| Juni | 868,3599 | 1023,965 | 1179,569 | 1335,174 | 1490,778 |
| Juli | 1161,332 | 1366,373 | 1571,415 | 1776,456 | 1981,498 |
| Agustus | 1602,277 | 1881,068 | 2159,86 | 2438,651 | 2717,443 |
| September | 1049,021 | 1228,938 | 1408,856 | 1588,774 | 1768,692 |
| Oktober | 1001,707 | 1171,089 | 1340,471 | 1509,853 | 1679,235 |
| November | 583,247 | 680,4998 | 777,7527 | 875,0055 | 972,2584 |
| Desember | 985,5856 | 1147,674 | 1309,762 | 1471,85 | 1633,938 |
| Total | 8567,281 | 10057,68 | 11548,08 | 13038,48 | 14528,88 |

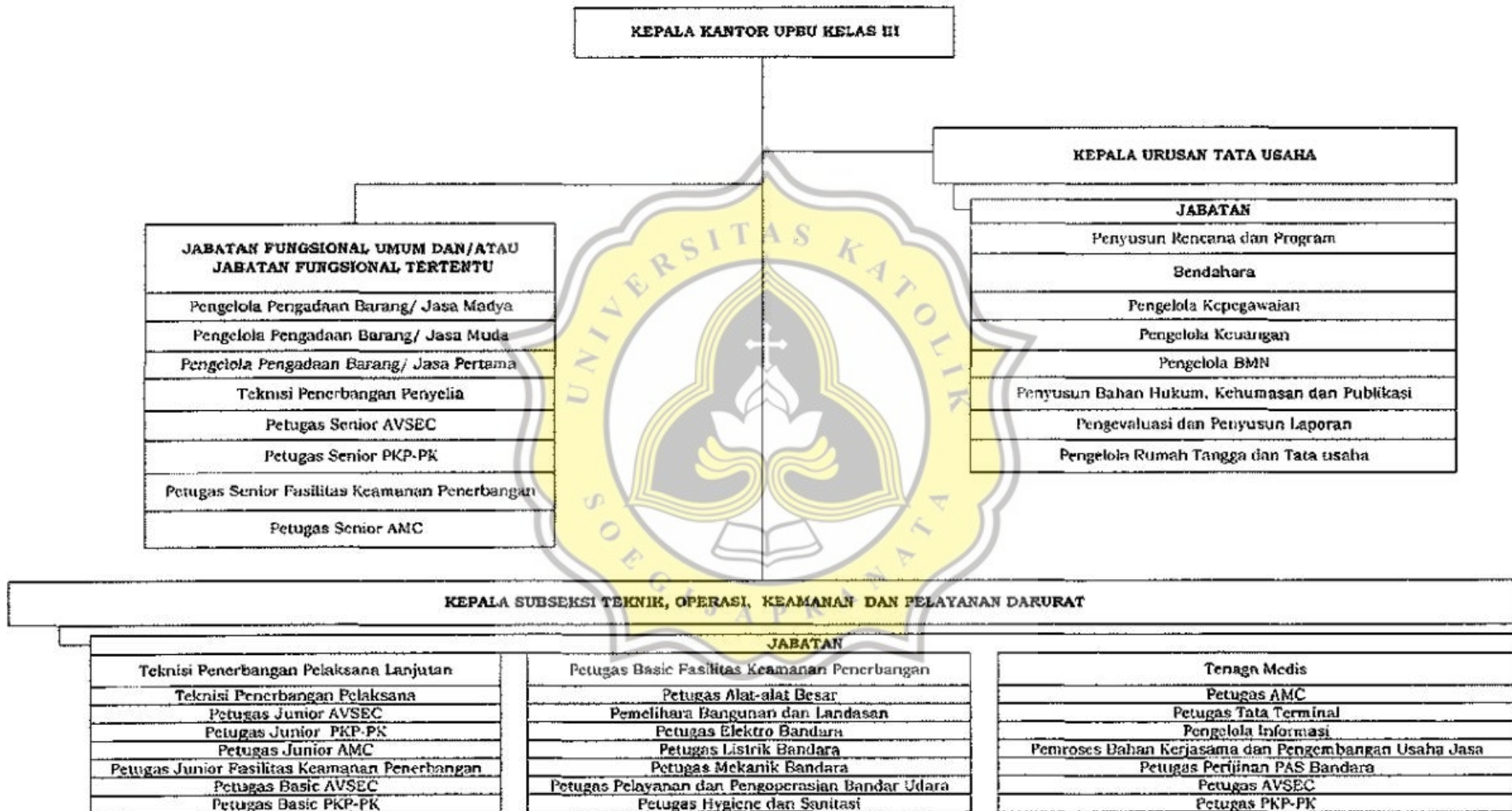
Lampiran 5 : Data Klimatik Karimunjawa

| | Tanggal | SUHU MIN (°C) | SUHU MAKS (°C) | ANGIN STABIL MAX (km/jam) | TIUPAN ANGIN MAKS (km/jam) |
|---------------|---------|---------------|----------------|---------------------------|----------------------------|
| NOVEMBER 2019 | 1 | 24 | 35 | 28 | - |
| | 2 | 24 | 34 | 26 | 34 |
| | 3 | 24 | 33 | 22 | - |
| | 4 | 24 | 34 | 21 | - |
| | 5 | 25 | 34 | 21 | - |
| | 6 | 24 | 34 | 22 | - |
| | 7 | 23 | 33 | 21 | 29 |
| | 8 | 23 | 35 | 26 | 37 |
| | 9 | 24 | 36 | 22 | - |
| | 10 | 25 | 34 | 24 | 34 |
| | 11 | 25 | 35 | 22 | 35 |
| | 12 | 26 | 34 | 24 | 34 |
| | 13 | 25 | 33 | 28 | 29 |
| | 14 | 25 | 30 | 35 | 54 |
| | 15 | 25 | 35 | 21 | 34 |
| | 16 | 24 | 35 | 22 | - |
| | 17 | 24 | 35 | 26 | 35 |
| | 18 | 25 | 35 | 37 | 55 |
| | 19 | 25 | 34 | 24 | 32 |
| | 20 | 25 | 34 | - | 35 |
| | 21 | 25 | 33 | 28 | 39 |
| | 22 | 25 | 32 | 24 | 29 |
| | 23 | 25 | 34 | 16 | - |
| | 24 | 25 | 34 | - | 28 |
| | 25 | 26 | 34 | - | 34 |
| | 26 | 26 | 34 | 24 | - |
| | 27 | 26 | 33 | 16 | 29 |
| | 28 | 25 | 34 | 28 | 32 |
| | 29 | 26 | 34 | 22 | - |
| | 30 | 25 | 33 | 26 | 45 |
| DESEMBER 2019 | 1 | 25 | 34 | 24 | 28 |
| | 2 | 25 | 34 | 16 | - |
| | 3 | 25 | 34 | 26 | - |
| | 4 | 25 | 33 | 26 | 45 |
| | 5 | 24 | 33 | 24 | - |
| | 6 | 25 | 33 | 22 | - |
| | 7 | 24 | 30 | 24 | 34 |
| | 8 | 24 | 31 | - | - |
| | 9 | 25 | 33 | 24 | 34 |

| | | | | | |
|--------------|----|----|----|----|----|
| | 10 | 24 | 30 | 22 | - |
| | 11 | 24 | 33 | 28 | 46 |
| | 12 | 24 | 30 | 34 | - |
| | 13 | 24 | 32 | 16 | 34 |
| | 14 | 24 | 32 | 22 | - |
| | 15 | 24 | 32 | 21 | - |
| | 16 | 25 | 32 | 22 | 39 |
| | 17 | 24 | 32 | 29 | 32 |
| | 18 | 25 | 34 | 22 | 29 |
| | 19 | 24 | 32 | 16 | - |
| | 20 | 25 | 33 | 16 | - |
| | 21 | 24 | 33 | 32 | 50 |
| | 22 | 24 | 32 | 24 | 29 |
| | 23 | 25 | 34 | 22 | 37 |
| | 24 | 24 | 33 | 22 | - |
| | 25 | 24 | 28 | 16 | - |
| | 26 | 24 | 31 | - | - |
| | 27 | 25 | 32 | 24 | 41 |
| | 28 | 24 | 31 | 16 | - |
| | 29 | 25 | 31 | 15 | - |
| | | | | | |
| JANUARU 2020 | 1 | 24 | 29 | 28 | - |
| | 2 | 24 | 31 | 24 | - |
| | 3 | 25 | 31 | - | - |
| | 4 | 25 | 31 | 24 | - |
| | 5 | 25 | 30 | 26 | 45 |
| | 6 | 25 | 31 | 28 | - |
| | 7 | 25 | 31 | 21 | - |
| | 8 | 25 | 30 | 24 | 28 |
| | 9 | 23 | 30 | 28 | 41 |
| | 10 | 24 | 28 | 21 | - |
| | 11 | 24 | 32 | 32 | - |
| | 12 | 24 | 32 | 26 | - |
| | 13 | 25 | 30 | - | - |
| | 14 | 25 | 32 | 21 | - |
| | 15 | 25 | 31 | 16 | - |
| | 16 | 25 | 32 | 21 | - |
| | 17 | 25 | 32 | 21 | - |
| | 18 | 24 | 31 | - | - |
| | 19 | 24 | 32 | 22 | - |
| | 20 | 25 | 31 | 22 | 32 |
| | 21 | 25 | 31 | 21 | - |

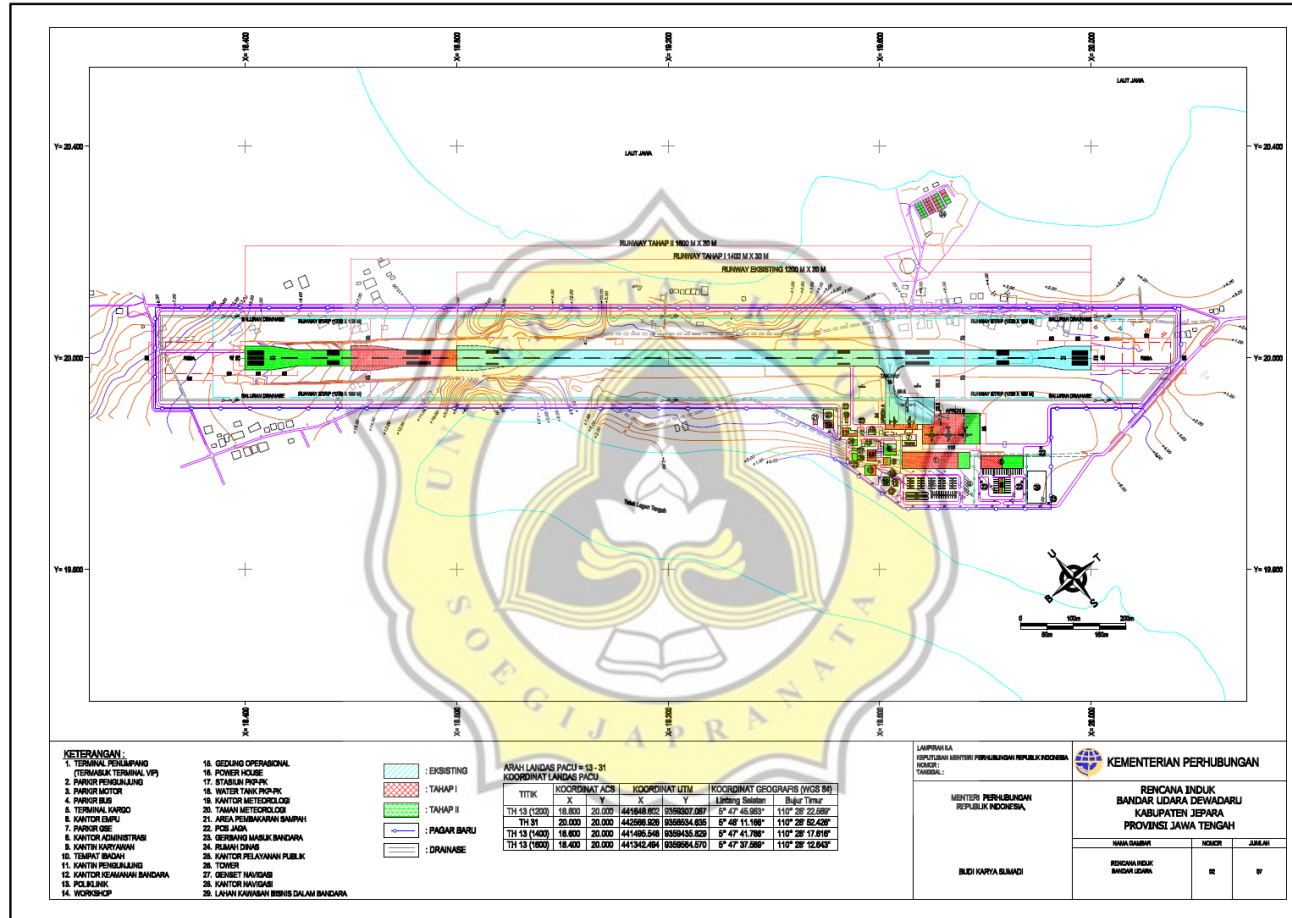
Sumber : <https://freemeteo.co.id> (diakses pada 21 Januari 2020)

Lampiran 6 : Bagan Organisasi Bandar Udara Kelas III



Sumber : Peraturan Menteri Perhubungan No PM 36 tahun 2017

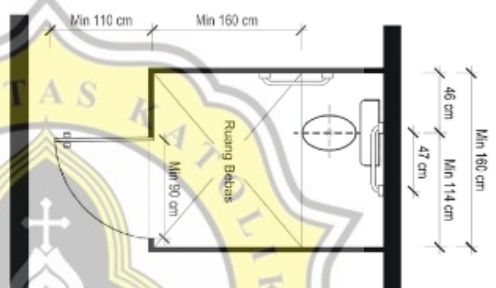
Lampiran 7 : Master Plan Bandar Udara Dewadaru



Sumber :Kementerian Perhubungan

Lampiran 8 : Program Rung Bandara Dewadaru

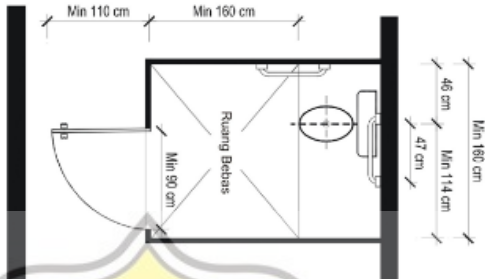
| NO | Ruang | Kapasitas | Studi Besaran Ruang | Sumber | Luas Total |
|---|---------------------------|---|--|--------|----------------------|
| Kelompok Ruang Penumpang Keberangkatan | | | | | |
| 1 | Kerb Keberangkatan | Luas = panjang kerb x 5 + 20% | $L = 0,095 \text{ a.p. meter (+10\%)}$ $= 86 \times 80\% \times 0,095 (+10\%)$ $= 7,35 \text{ m}$ | SNI | 44 m ² |
| 2 | Hall keberangkatan | Kapasitas = 196 orang | $A = 0,75 [a(1 + f) + b] \text{ m}^2$ $= 0,75 [86 (1+2)+0] \text{ m}^2$ $= 196 \text{ m}^2$ | SNI | 196 m ² |
| 3 | Ruang <i>trolley rack</i> | 1/3 dari PJS → 28 | -Trolley = 0,85 x 0,70 -Kebutuhan ruang = 0,735 m ² /6 trolley | MH | 3,67 m ² |
| 4 | R. Reservasi Tiket | 2 maskapai | -Meja counter = 3 x 2 = 6 m ² -Panjang antrian = 4,5 m Sirkulasi = Total + 20% $= 19,5 + 20\%$ $= 23,4 \text{ m}^2$ | AS | 23,4 m ² |
| 5 | Lavatory | Pengguna : Wanita 60% → 51 Pria 40% → 34 -Toilet Wanita → 4 buah Pria → 3 buah | Toilet Wanita - Luas total WC = (1 x 2) x 4 = 8 m ² - Luas total wastafel = (0,66 x 0,41) x 3 = 0,81 m ² Luas total toilet (+50% sirkulasi) = 13,21 m² Toilet Pria - Luas total WC = (1 x 2) x 2 = 4 m ² | AS | 22,54 m ² |

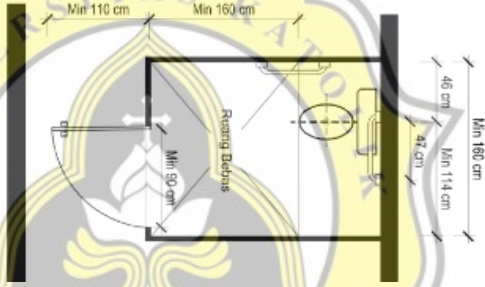
| | | | | | |
|---|------------------|---|--|---------------|---------------------|
| | | -Urinoir → 3 buah - Wastafel Wanita → 3 buah Pria → 2 buah - 1 Toilet difabel | - Luas total urinoir = $(0,8 \times 0,6) \times 3 = 1,44 \text{ m}^2$ - Luas total wastafel = $(0,66 \times 0,41) \times 2 = 0,81 \text{ m}^2$ Luas total toilet (+50% sirkulasi) = $9,33 \text{ m}^2$ | | |
| 6 | Lavatory Difabel | 1 orang |  | PERMEN | 5,44 m ² |
| 7 | Nursery room | 1 orang | Luas = $3 \times 4 \text{ m}^2$ = 12 m^2 | PERMEN KES | 12 m ² |
| 8 | Mushola | 5% dari PJS = 4 orang | 1 Sajadah = $0,91 \times 1,5$ = $1,365 \text{ m}^2$ Luas = $1,365 \times 4$ = $5,46$ Luas total (+20%) = $6,55 \text{ m}^2$ | DA | 6,55 m ² |
| 9 | Security Check 1 | 1 counter 1 petugas | Luas counter $A = 1,7 \times 2,4$ = $4,08 \text{ m}^2$ | AS | 4,89 m ² |

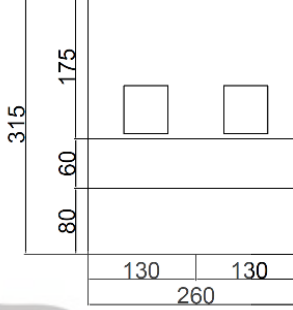
| | | | | | |
|----|---------------------------------|-----------------------------|---|-----|----------------------|
| | | | Sirkulasi = Total + 20% $= 4,08 + 20\%$ $= 4,89 \text{ m}^2$ | | |
| 10 | <i>Security check 2 / X-ray</i> | 1 unit X ray 1 unit | Unit $N = \frac{(a+b)}{300} \text{ unit}$ $= 94/300$ $= 1 \text{ unit}$ Luas metal detector $A = (0,8 \times 0,5)$ $= 0,4 \text{ m}^2$ Luas X-ray $A = 2,2 \times 0,9$ $= 1,98 \text{ m}^2$ | SNI | 3 m ² |
| 11 | <i>Check-in counter</i> | 2 maskapai | Jumlah meja: $N = (a+b)t/60 \text{ counter (+10\%)}$ $= (94 + 0) / 60 \text{ counter (+10\%)}$ $= 2 \text{ counter}$ | SNI | 2 counter |
| 12 | <i>Hall check-in</i> | Kapasitas pesawat= 87 orang | $A = (0,25 \times 87) + 100\%$ $= 44 \text{ m}^2$ | SNI | 44 m ² |
| 13 | Ruang konsesi (privat) | | $A = \frac{\text{Luas hall} \times 60\%}{2}$ $= 63,45 \text{ m}^2$ | SNI | 54 m ² |
| 14 | <i>CIP room</i> | 10% dari PJS = 10 penumpang | 1set meja kursi = $(0,625 \times 0,8) \times 5 = 2.5$ | AS | 36.93 m ² |

| | | | | | |
|--|---|----------------------|--|------|-----------------------------|
| | | | $Refrigerated\ showcase = 1.5 \times 0.75 = 1.125$ $Meja\ bar = (1.33 + 1.9) \times 6.5 = 21$ Luas total + 50 % = 36.93 m² | | |
| 15 | Ruang tunggu penumpang | 87 orang | $A = C - \left[\frac{u.i+v.k}{30} \right] m^2 + 10\%$ $= 87 - 1,4 m^2 + 10\%$ = 94 m² (pembulatan) | SKEP | 94 m ² |
| 16 | Gate keberangkatan | 70 penumpang | Luas area: $A=(m.s) m^2$ $= 70 \times 1,8 m^2/orang$ $= 126 m^2$ | SNI | 126 m ² |
| Luas Total | | | | | 676,42 m² |
| Luas Total + Sirkulasi 20% | | | | | 811,71m² |
| Kelompok Ruang Penumpang Kedatangan | | | | | |
| 1 | Gate kedatangan | 70 penumpang | Luas area: $A=(m.s) m^2$ $= 70 \times 1,8 m^2/orang$ $= 126 m^2$ | SNI | 126 m ² |
| 2 | <i>Baggage claim area</i> (belum termasuk claim devices) | Baggage claim device | $-A = 0,9c m^2 (+10\%)$ $= 0,9 \times 87(+10\%)$ $= 86 m^2$ $-N = c.r/300$ | SNI | 86 m ² |

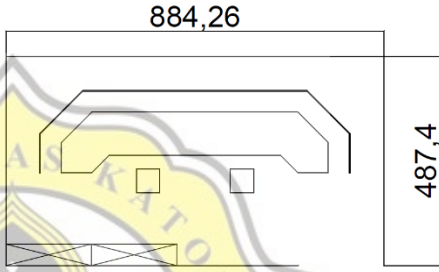
| | | | | | |
|---|-----------------------|--|--|-----|----------------------|
| | | | $= 130 \times 80\% / 300$ $= 0,3$ (1 unit) | | |
| 3 | <i>Lost and found</i> | | 2 counter = $15 \times 2 = 30 \text{ m}^2$ | AS | 30 m ² |
| 4 | Hall kedatangan | 86 penumpang | $A = 0,375 (b + c + 2c f \text{ m}^2 (+10\%))$ $= 0,375 (86 + 172) + 10\%$ $= 107 \text{ m}^2$ | SNI | 107 m ² |
| 5 | Lavatory | -Pengguna : Wanita 60% → 51 Pria 40% → 35 -Toilet Wanita → 4 buah Pria → 2 buah -Urinoir → 3 buah - Wastafel Wanita → 3 buah Pria → 2 buah -1 Toilet difabel | Toilet Wanita - Luas total WC = $(1 \times 2) \times 4 = 8 \text{ m}^2$ - Luas total wastafel = $(0,66 \times 0,41) \times 3 = 0,81 \text{ m}^2$ Luas total toilet (+50% sirkulasi) = 13,21 m² Toilet Pria - Luas total WC = $(1 \times 2) \times 2 = 4 \text{ m}^2$ - Luas total urinoir = $(0,8 \times 0,6) \times 3 = 1,44 \text{ m}^2$ - Luas total wastafel = $(0,66 \times 0,41) \times 2 = 0,81 \text{ m}^2$ Luas total toilet (+50% sirkulasi) = 9,33 m² | AS | 22,54 m ² |

| | | | | | |
|-----------------------------------|--------------------|---|---|---------------|----------------------|
| 6 | Toilet Difabel | 1 orang |  | PERMEN | 5,44 |
| 7 | Nursery room | 1 orang | Luas = $3 \times 4 \text{ m}^2$ = 12 m^2 | PERMEN KES | 12 m ² |
| 8 | Kerb Kedatangan | Luas = panjang kerb x 5 + 20% | $L = 0,095 \text{ c p meter (+10\%)}$ $= 0,095 \times 86 \times 80\% (+10\%)$ $= 7$ | SNI | 42 m ² |
| 9 | Ruang trolley rack | 40 | Trolley = $0,85 \times 0,42$ Kebutuhan ruang = $0,735 \text{ m}^2/6 \text{ trolley}$ | MH | 50 m ² |
| Luas total | | | | | 480,98 |
| Luas total + sirkulasi 20% | | | | | 577,17 |
| Kelompok Ruang Penjemputan | | | | | |
| 1 | Public Area | 346 | $0,9 \text{ m}^2/\text{orang} \rightarrow 311,4 \text{ m}^2$ | HAB | 311,4 m ² |
| 2 | Lavatory | -Pengguna : Wanita 60% → 103 Pria 40% → 70 -Toilet | Toilet Wanita - Luas total WC = $(1 \times 2) \times 5 = 10 \text{ m}^2$ - Luas total wastafel = $(0,66 \times 0,41) \times 3 = 0,81 \text{ m}^2$ Luas total toilet (+50% sirkulasi) = 16,21 m² | AS | 29,31 m ² |

| | | | | | |
|---|--------------------------|--|--|---------------|----------------------|
| | | Wanita → 5 buah Pria → 3 buah -Urinoir → 4 buah - Wastafel Wanita → 3 buah Pria → 3 buah -1 Toilet difabel | Toilet Pria - Luas total WC = $(1 \times 2) \times 3 = 6 \text{ m}^2$ - Luas total urinoir = $(0,8 \times 0,6) \times 4 = 1,92 \text{ m}^2$ - Luas total wastafel = $(0,66 \times 0,41) \times 3 = 0,81 \text{ m}^2$ Luas total toilet (+50% sirkulasi) = 13,1 m² | | |
| 3 | Toilet difabel | 1 orang |  | PERMEN | 5,44 m ² |
| 4 | Nursery room | 1 orang | Luas = $3 \times 4 \text{ m}^2$ = 12 m ² | PERMEN KES | 12 m ² |
| 5 | Ruang ibadah -Mushola | 5% dari pengguna 17 orang | Mushola = 0,85m ² /orang sholat Sirkulasi = Total + 20% = 17,34 m ² | DA | 17,34 m ² |

| | | | | | |
|---|------------------------------------|--|--|-----|---------------------|
| 6 | Ruang informasi | 2 orang pegawai |  | AS | 8,19 m ² |
| Luas total | | | | | 383,68 |
| Luas total + sirkulasi 20% | | | | | 460,42 |
| Kelompok Ruang UPBU & AIRNAV | | | | | |
| 1 | Hall penerimaan | 10 orang | 0,9m ² /orang → 9 m ² | HAB | 9 m ² |
| 2 | Ruang kepala bandara | 1 orang | | DA | 25 m ² |
| 3 | Ruang kelapa subseksi tata usaha | 1 orang | | DA | 15 m ² |
| 4 | Ruang kadin TU dan kesekretariatan | 1 orang bendahara 1 orang pengevaluasi 3 orang pengelola rumah tangga dan TU | Luas=3,15 x 1,65 = 5,2 m ² Luas total = 5,2 x 5orang = 26 m ² Sirkulasi = Total + 20% = 31,2 m ² | MH | 31,2 m ² |

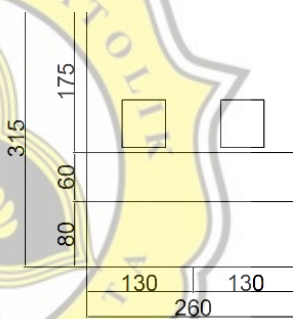
| | | | | | |
|---|---|--------------------------------|---|----|----------------------|
| 5 | Ruang kepala teknik, operasi keamanan dan pelayanan darurat | 1 orang | | DA | 15 m ² |
| 6 | Loker pengelola | 20 orang | Luas loker = 0,45 x 0,38 x 10 = 1,71 m ² Luas total (+50%) = 2,6 m ² | AS | 2,6 m ² |
| 7 | Ruang rapat | 20 orang | Luas = 8,1 x 3,1 = 25,11 m ² Sirkulasi = Total + 20% = 27,6 m ² | DA | 27,6 m ² |
| 8 | Ruang arsip | 4 unit lemari arsip 2 orang | Lemari = 1,2 m ² /lemari = 4,8 m ² Orang = 0,525 m ² /orang = 1,05 m ² Sirkulasi = Total + 20% = 7,02 m ² | MH | 7,02 m ² |
| 9 | Lavatory | | Toilet Wanita - Luas total WC = (1 x 2) x 2 = 4 m ² - Luas total wastafel = (0,66 x 0,41) x 1 = 0,27 m ² Luas total toilet (+50% sirkulasi) = 6,41 m² Toilet Pria - Luas total WC = (1 x 2) x 1 = 2 m ² | AS | 11,13 m ² |

| | | | | | |
|---|------------------|----------|--|--------|----------------------|
| | | | <ul style="list-style-type: none"> - Luas total urinoir = $(0,8 \times 0,6) \times 3 = 1,44 \text{ m}^2$ - Luas total wastafel = $(0,66 \times 0,41) \times 1 = 0,27 \text{ m}^2$ <p>Luas total toilet (+50% sirkulasi) = 11,13 m²</p> | | |
| 10 | Gudang | 1 unit | 20-30 per 1.000 m ² terminal | KM | 20 m ² |
| 11 | Ruang AIRNAV | 2 orang |  | AS | 42.24 m ² |
| 12 | Kantin pengelola | | | | |
| | Ruang makan | 20 orang | <p>Luas = $(5,05 \times 1,25) \times 5$ = $(6,31 \text{ m}^2) \times 5$ = $31,5 \text{ m}^2$</p> <p>Sirkulasi Total (+ 20%) = 37,8 m²</p> | DA | 37,5 m ² |
| | Display makanan | | <p>Luas = $3,8 \times 3$ (panjang meja) = $11,4 \text{ m}^2$</p> | DA | 11,4 m ² |
| | Dapur | | 30% dari luas ruang makan | MENPAR | 11 m ² |
| Luas total | | | | | 265,69 |
| Luas total + sirkulasi 20% | | | | | 318,82 |
| Kelompok Ruang Pengelola Maskapai (3 Maskapai) | | | | | |

| | | | | | |
|---|-------------------------|--------------------|---|-----------------------------------|---|
| 1 | Hall penerimaan | 5 orang | 0,9 m ² /orang | DA | 4,5 m ² x 3 maskapai = 13,5 m ² |
| 2 | Ruang Manager | 2 maskapai | Luas total = 25 x 3 = 75 m ² | DA | 75 m ² |
| 3 | Ruang staff operasional | 2 orang / maskapai | Luas =3,15 x 1,65 = 5,2 m ² Luas total = 5,2 x 2orang = 10,4 m ² Sirkulasi = Total + 20% = 12,48 m ² | DA | 3 x 12,48= 37,44 m ² |
| | | | | Luas Total | 125,94 |
| | | | | Luas Total + Sirkulasi 20% | 151,13 |
| Kelompok Ruang Keamanan Terminal | | | | | |
| 1 | Ruang CCTV | 4 orang | 2 Meja = (1 x 2) x 2 = 4 m ² 4 Kursi = (0,6 x 0,53) x 4 = 1.3 m ² Luas total (+ sirkulasi 50%) = 7.95 m² | AS | 7.95 m ² |
| 2 | Ruang AVSEC | 4 orang | - 1 set meja kursi = (1.76 x 1.2) x 2 = 4.22 Luas total (+ sirkulasi 50%) = 6,33 m² -1 ruang penyimpanan barang sitaan = 3 x 3 = 9 m ² | AS | 15,33 m ² |
| | | | | Luas total | 23,28 |
| | | | | Luas total + sirkulasi 20% | 27,93 |

| Kelompok Ruang Servis | | | | | |
|-----------------------------------|------------------|--|--|-----|---------------------|
| 1 | Ruang Office boy | 3 loker 1 set meja kursi (6 orang) 5 orang | 1 set meja kursi = 3 m ² Luas loker = 0,45 x 0,38 x 3 = 0,51 Luas total (+sirkulasi 50%) = 5,3 m² | AS | 5,3 m ² |
| 2 | Janitor | 1 orang 1 lemari peralatan | Lemari = 0,6 x 1,2 = 0,72 m ² Orang = 0,9 m ² Sirkulasi = Total + 20% = 1,62 + 20% = 1,94 m ² | AS | 1,94 m ² |
| 3 | R. AHU | | Luas = 4 x 5 = 20 m ² | AS | 20 m ² |
| Luas total | | | | | 27,24 |
| Luas total + sirkulasi 20% | | | | | 32,69 |
| Kelompok Ruang Konsesi | | | | | |
| 1 | Money Changer | | | | |
| | Lobby | 10 orang | 0,9m ² /orang → 9 m ² | HAB | 9 m ² |
| | Ruang manager | 1 orang | | DA | 15 m ² |

| | | | | | |
|---|----------------------------|--|---|----------------|----------------------|
| | Ruang administrasi | 2 orang | | AS | 11,28 m ² |
| | Locker Karyawan | 1 loker | Luas total (+50%) = 0,25 | AS | 0,25 m ² |
| 2 | Retail shop | 5 unit | $A = \frac{\text{Luas lobby utamal} \times 60\%}{2}$ $= \frac{403,2 \times 60\%}{2}$ $= 120,9 \text{ m}^2$ <p>Luas per unit = 24,18 m²</p> | SNI | 120,9 m ² |
| 3 | Tourist information center | | | | |
| | Lobby | 50 orang | 0,9m ² /orang → 45 m ² | HAB | 45 m ² |
| | Ruang manager | 1 orang | | DA | 15 m ² |
| | Ruang pelayanan | 1. 2 orang pegawai travel 2. 2 orang pegawai TIC 20 pengunjung | <p>1. Travel agent</p> <p>-Luas = (2,7 x 1,8) x 2counter = 4,86 x 2 = 9,72 m²</p> <p>-Sirkulasi = Total + 20% = 11,66 m²</p> <p>2. Galeri</p> | 1. MH 2. DA | 26 m ² |

| | | | | | |
|---|------------------|----------|--|----|----------------------|
| | | | <p>-Luas /orang = 1,5m(jarak pandang) x 0,4m (ukuran gambar 16R) = 0,6 m²</p> <p>-Luas total = 20 x 0,6 = 12 m²</p> <p>-Sirkulasi = Total + 20% = 14,4 m²</p> | | |
| | Locker karyawan | 2 loker | Luas total (+50%) = 0,5 m ² | AS | 0,5 m ² |
| 4 | <i>Foodcourt</i> | 3 unit | | | |
| | Area kasir | 2 orang |  | AS | 8,19 m ² |
| | Dapur | 2 orang | 30% dari luas ruang makan | MP | 11,7 m ² |
| | Ruang makan | 24 orang | <p>Luas = (5,05 x 1,25) x 6 = (6,31 m²) x 6 = 37,8 m²</p> <p>Sirkulasi = Total + 20% = 39,37 m²</p> | DA | 39,37 m ² |

| | | | | | |
|-----------------------------------|----------------|---------|--|----|--------------------|
| | Loker karyawan | 2 loker | Luas total (+50%) = 0,5 m ² | AS | 0,5 m ² |
| 5 | ATM center | 5 unit | 1 ATM = 1,5 x 2 = 3 m ² | AS | 15 |
| Luas total | | | | | 437,21 |
| Luas total + sirkulasi 20% | | | | | 524,65 |

Sumber: Analisis Pribadi (2020)

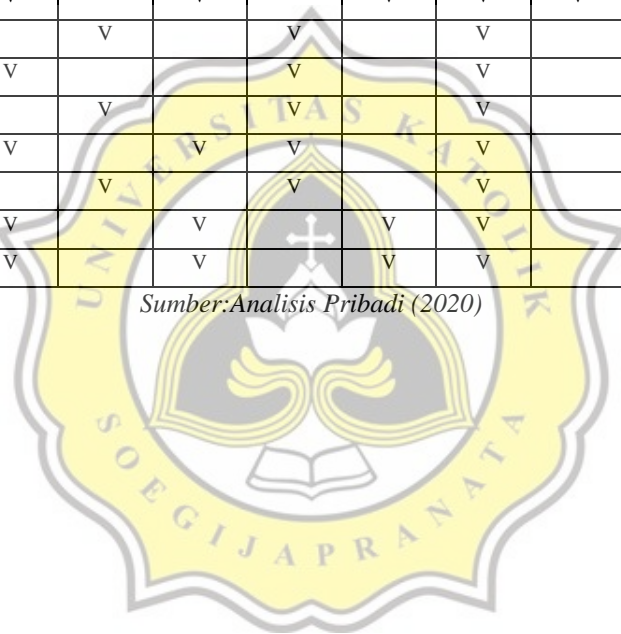


Lampiran 9 : Persyaratan Ruang

| NO | Nama Ruang | Akustik | | Penghawaan | | Pencahayaannya | | Kebakaran | | | Keamanan | | | Kesehatan | |
|----|-------------------------------|---------|--------|------------|--------|----------------|--------|-----------|--------|--------|----------|--------|--------|-----------|--------|
| | | Normal | Tenang | Alami | Buatan | Alami | Buatan | Tinggi | Normal | Rendah | Tinggi | Normal | Rendah | Steril | Normal |
| 1 | Kerb | √ | | √ | | √ | √ | | | √ | | | √ | | √ |
| 2 | Hall | √ | | √ | | | √ | √ | | | | | √ | | √ |
| 3 | R. Pengecekan tiket | √ | | √ | | √ | √ | | | √ | | √ | | | √ |
| 4 | Ruang <i>trolley rack</i> | √ | | √ | | √ | | | | √ | | | √ | | √ |
| 5 | Ruang informasi | | √ | | √ | | √ | | | √ | | | √ | | √ |
| 6 | <i>Security check / X-ray</i> | √ | | | √ | | √ | | | √ | | √ | | | √ |
| 7 | <i>Check-in counter</i> | √ | | | √ | | √ | | | √ | | √ | | | √ |
| 8 | Ruang tunggu keberangkatan | √ | | | √ | √ | √ | | | √ | | √ | | | √ |
| 9 | <i>CIP room</i> | | √ | | √ | | √ | | | √ | | √ | | | √ |
| 10 | ATM center | √ | | | √ | | √ | | | √ | √ | | | | √ |
| 11 | Lavatory | | √ | √ | √ | | √ | | √ | | | | √ | √ | |
| 12 | Ruang ibadah | | √ | √ | | √ | √ | | | √ | | | √ | | √ |
| 13 | Gate | √ | | √ | | √ | √ | | | √ | | √ | | | √ |
| 14 | <i>Baggage claim area</i> | √ | | | √ | | √ | | | √ | √ | | | | √ |
| 15 | <i>R. Lost and found</i> | √ | | | √ | | √ | | | √ | √ | | | | √ |
| 16 | Area konsesi | √ | | √ | | | √ | | | √ | | | √ | | √ |
| 17 | Ruang pengelola bandara | | √ | | √ | √ | √ | | | √ | | √ | | | √ |
| 18 | Ruang pengelola maskapai | | √ | | √ | √ | √ | | | √ | | √ | | | √ |
| 19 | Ruang rapat | | √ | | √ | | √ | | | √ | | | √ | | √ |
| 20 | Ruang arsip | | √ | | √ | | √ | | | √ | √ | | | | √ |
| 21 | Gudang | √ | | √ | | | √ | | | √ | | | √ | | √ |
| 22 | Ruang katering | √ | | √ | | | √ | | | √ | | √ | | | √ |
| 23 | Ruang genset | √ | | √ | | | √ | | √ | | | √ | | | √ |

| | | | | | | | | | | | | | | | |
|----|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 | Ruang trafo dan panel | √ | | | √ | | √ | | √ | | | √ | | | √ |
| 25 | Ruang chiller | √ | | √ | | | √ | | √ | | | √ | | | √ |
| 26 | Ruang AHU | √ | | √ | | | √ | | √ | | | √ | | | √ |
| 27 | Ruang ATC | | √ | | √ | | √ | | √ | | | √ | | | √ |
| 28 | Ruang Office boy | √ | | √ | | | √ | | | √ | | | √ | | √ |
| 29 | Gedung PKP-PK | √ | | √ | | √ | √ | | | √ | | √ | | | √ |
| 30 | Stasiun bahan bakar (DPU) | √ | | √ | | √ | √ | √ | | | | √ | | | √ |
| 31 | Ruang rehabilitasi | | √ | | √ | | √ | | | √ | | | √ | √ | |
| 32 | Money Changer | √ | | | √ | | √ | | | √ | √ | | | | √ |
| 33 | Tourist information center | | √ | | √ | | √ | | | √ | | | √ | | √ |
| 34 | Foodcourt | √ | | √ | √ | | √ | | √ | | | | √ | √ | |
| 35 | Ruang AVSEC & CCTV | | √ | | √ | | √ | | | √ | √ | | | | √ |
| 36 | Area drop off | √ | | √ | | √ | √ | | | √ | | | √ | | √ |
| 37 | Area parkir | √ | | √ | | √ | √ | | | √ | | | √ | | √ |

Sumber: Analisis Pribadi (2020)





7.14% PLAGIARISM
APPROXIMATELY

Report #9881872

BAB 1 PENDAHULUAN Latar Belakang

Isu Permasalahan Destinasi pariwisata adalah salah satu daya tarik yang dimiliki Indonesia. Menurut Preiden Jokowi, sektor pariwisata dapat menjadi motor penggerak perekonomian di tengah-tengah gejolak ekonomi global. Kawasan JOGLOSEMAR (Jogja, Solo, dan Semarang) telah ditetapkan pemerintah sebagai salah satu destinasi wisata prioritas, dengan Candi Borobudur sebagai pusat yang didukung 3 Kawasan Strategis Baru Nasional (KSBN) yaitu Dieng, Karimunjawa, dan Sangiran. Provinsi Jawa Tengah mengklasifikasikan Karimunjawa sebagai salah satu dari masterplan kawasan wisata yang menjadi prioritas Jawa Tengah. Karimunjawa merupakan wilayah konservasi yang termasuk dalam wisata kepeminatan khusus. Wisata minat khusus tersebut menjadi fokus Disporpora Jateng dalam mempromosikan wisata Karimunjawa. Hal ini menyebabkan pulau Karimunjawa berbeda dari pulau wisata lainnya yang berkonsep mass tourism (wisata massa). Dalam pengembangan destinasi wisata, Menteri Pariwisata, Arief Yahya merumuskan 3A (Atraksi, Akses, dan Amenitas) sebagai ukuran untuk menilai kesiapan suatu destinasi untuk dipromosikan. Tiga A untuk "Akses" yang dimaksud adalah Airlines, Airports, dan Authority. Hal tersebut menunjukkan bahwa pentingnya prasarana pada suatu destinasi wisata perlu diperhatikan. Menurut Direktorat Jendral