

BAB VI

KESIMPULAN DAN SARAN

6.1. Kesimpulan

Berdasarkan hasil penelitian yang dilakukan dan pembahasan pada bab sebelumnya maka diambil kesimpulan sebagai berikut.

1. Perhitungan kapasitas landasan pacu dengan metode FAA mendapatkan hasil perhitungan sebesar 39 operasi perjam dalam kondisi VFR, dan 36 operasi perjam dalam kondisi IFR.
2. Perhitungan kapasitas landasan pacu dengan metode Analitis mendapatkan hasil perhitungan sebesar 28 operasi perjam.
3. Perhitungan penundaan dengan metode FAA mendapatkan hasil 0,15 menit per pesawat terbang dalam kondisi VFR; 0,25 menit per pesawat terbang dalam kondisi IFR; dan 0,4 menit per pesawat terbang untuk perhitungan penundaan metode Analitis.
4. Perhitungan kapasitas landasan pacu menggunakan metode Analitis yang lebih cocok untuk mendapatkan kapasitas landasan pacu karena parameter yang digunakan sesuai dengan keadaan di lapangan.
5. Penggunaan aturan separasi pesawat kedatangan mengikuti aturan ICAO doc 4444 ATM/501 dengan aturan separasi minimum longitudinal sejauh 10 *nautical mile*.

6.2. Saran

Setelah melihat hasil dan pembahasan pada bab sebelumnya maka berikut merupakan saran yang dapat diberikan.

1. Pengaturan *Final Approach Path* dapat lebih diperkecil agar antian pesawat dapat lebih mendekat ke bandar udara Adi Sutjipto.
2. Pengoptimalan *exit taxiway* agar *runway occupancy time* dapat dimaksimalkan.



DAFTAR PUSTAKA

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LAMPIRAN 1

JADWAL OPERASIONAL PESAWAT 22 SEPTEMBER 2019

KEDATANGAN						
NO	JAM	FLIGHT	FROM	AIRLINE	AIRCRAFT	STATUS
1	6:00 AM	JT273	Lombok (LOP)	Lion Air	B739 (PK-LGZ)	Landed 6:26 AM
2	6:00 AM	JT544	Jakarta (CGK)	Lion Air	B739 (PK-LGY)	Landed 5:37 AM
3	6:40 AM	GA202	Jakarta (CGK)	Garuda Indonesia (Retro 1969 Livery)	B738 (PK-GFN)	Landed 6:10 AM
4	6:45 AM	JT521	Banjarmasin (BDJ)	Lion Air	B739 (PK-LGO)	Landed 6:37 AM
5	6:50 AM	ID6360	Jakarta (CGK)	Batik Air	B738 (PK-LDG)	Landed 6:46 AM
6	6:55 AM	QZ7556	Jakarta (CGK)	AirAsia	A320 (PK-AXU)	Landed 6:41 AM
7	7:40 AM	GA251	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNK)	Landed 7:03 AM
8	7:50 AM	QZ8440	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Landed 7:36 AM
9	7:55 AM	QG785	Balikpapan (BPN)	Citilink	A320 (PK-GQC)	Landed 7:52 AM
10	8:15 AM	JT667	Balikpapan (BPN)	Lion Air	B739 (PK-LGT)	Landed 8:11 AM
11	8:15 AM	JT1859	Balikpapan (BPN)	Lion Air	739	Unknown
12	8:40 AM	IW1843	Surabaya (SUB)	Wings Air	AT7	Unknown
13	8:40 AM	QG100	Jakarta (HLP)	Citilink	A320 (PK-GQS)	Landed 8:16 AM
14	8:40 AM	XN831	Pontianak (PNK)	Express Air	B733 (PK-TZE)	Landed 8:44 AM
15	9:20 AM	GA204	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNJ)	Landed 8:56 AM
16	9:40 AM	XN779	Palembang (PLM)	Express Air	733	Unknown
17	9:55 AM	QG782	Pekanbaru (PKU)	Citilink	A320 (PK-GLF)	Unknown
18	9:55 AM	SJ231	Balikpapan (BPN)	Sriwijaya Air	B738 (PK-CMJ)	Landed 9:35 AM
19	10:20 AM	ID7531	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Landed 10:09 AM
20	10:30 AM	ID6691	Samarinda (AAP)	Batik Air	32A	Unknown
21	10:40 AM	JT569	Denpasar (DPS)	Lion Air	B739 (PK-LGO)	Landed 10:56 AM
22	11:10 AM	QZ7552	Jakarta (CGK)	AirAsia	A320 (PK-AZH)	Landed 11:01 AM
23	11:20 AM	AK346	Kuala Lumpur (KUL)	AirAsia (Connecting ASEAN Livery)	A320 (9M-AHX)	Landed 10:48 AM
24	11:25 AM	GA206	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Landed 11:07 AM
25	11:40 AM	JT124	Pekanbaru (PKU)	Lion Air	739	Unknown
26	11:40 AM	JT279	Pekanbaru (PKU)	Lion Air	B739 (PK-LGZ)	Landed 4:43 PM
27	11:45 AM	JT869	Samarinda (AAP)	Lion Air	B738 (PK-LOO)	Landed 1:19 PM
28	11:55 AM	IW1811	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Diverted to BDO
29	12:35 PM	QZ659	Singapore (SIN)	AirAsia	A320 (PK-AXU)	Landed 12:06 PM
30	12:45 PM	GA468	Balikpapan (BPN)	Garuda Indonesia	CRJX (PK-GRS)	Landed 12:32 PM

31	12:55 PM	IN551	Pangkal Pinang (PGK)	NAM Air	B735 (PK-NAO)	Landed 1:36 PM
32	1:10 PM	ID7368	Jakarta (CGK)	Batik Air	A320 (PK-LAL)	Landed 12:54 PM
33	1:25 PM	GA208	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNH)	Landed 12:59 PM
34	1:55 PM	QG774	Jakarta (CGK)	Citilink	A320 (PK-GLG)	Landed 2:06 PM
35	2:00 PM	SJ244	Jakarta (CGK)	Sriwijaya Air	B738 (PK-CMJ)	Landed 2:03 PM
36	2:05 PM	SJ2300	Jakarta (CGK)	Sriwijaya Air	738	Unknown
37	2:20 PM	GA210	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFY)	Landed 2:13 PM
38	2:20 PM	ID7533	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Landed 2:10 PM
39	2:40 PM	IW1845	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Landed 2:49 PM
40	2:55 PM	QG780	Medan (KNO)	Citilink	A320 (PK-GQK)	Landed 2:29 PM
41	3:00 PM	JT641	Makassar (UPG)	Lion Air	B739 (PK-LHK)	Landed 4:27 PM
42	3:05 PM	QG778	Makassar (UPG)	Citilink	A320 (PK-GQL)	Landed 2:53 PM
43	3:05 PM	IW1812	Bandung (BDO)	Wings Air	AT75 (PK-WFV)	Landed 2:44 PM
44	3:10 PM	QG104	Jakarta (HLP)	Citilink	A320 (PK-GLO)	Landed 3:48 PM
45	3:15 PM	QZ8448	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Landed 3:13 PM
46	3:30 PM	GA253	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNK)	Landed 3:17 PM
47	3:35 PM	GA212	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFZ)	Landed 3:35 PM
48	3:50 PM	QZ8074	Medan (KNO)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Landed 4:01 PM
49	3:55 PM	QZ7550	Jakarta (CGK)	AirAsia	A320 (PK-AXU)	Landed 3:21 PM
50	4:05 PM	QG1524	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Landed 3:40 PM
51	4:50 PM	IN81	Palembang (PLM)	Nam Air	735	Unknown
52	4:55 PM	IN276	Jakarta (CGK)	Nam Air	735	Unknown
53	5:00 PM	ID7537	Jakarta (HLP)	Batik Air	A320 (PK-LAL)	Landed 4:54 PM
54	5:00 PM	IN278	Jakarta (CGK)	Nam Air	735	Unknown
55	5:00 PM	JT278	Batam (BTH)	Lion Air	B739 (PK-LGK)	Landed 8:08 PM
56	5:00 PM	JT664	Batam (BTH)	Lion Air	739	Unknown
57	5:05 PM	MI154	Singapore (SIN)	SilkAir	B738 (9V-MGB)	Landed 4:36 PM
58	5:10 PM	AK348	Kuala Lumpur (KUL)	AirAsia	A320 (9M-RAT)	Landed 5:28 PM
59	5:35 PM	GA214	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFV)	Landed 5:31 PM
60	5:45 PM	IW1816	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Landed 5:48 PM

61	5:55 PM	JT270	Padang (PDG)	Lion Air	B739 (PK-LHU)	Landed 6:49 PM
62	5:55 PM	QG1626	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Landed 6:08 PM
63	6:05 PM	SJ337	Bandar Lampung (TKG)	Sriwijaya Air	738	Unknown
64	6:10 PM	ID7539	Jakarta (HLP)	Batik Air	A320 (PK-LAT)	Landed 6:27 PM
65	6:15 PM	GA2144	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GEM)	Landed 6:14 PM
66	6:35 PM	IN236	Pontianak (PNK)	NAM Air	B735 (PK-NAT)	Landed 6:32 PM
67	7:15 PM	JT564	Jakarta (CGK)	Lion Air	B739 (PK-LGU)	Landed 6:58 PM
68	7:20 PM	GA676	Makassar (UPG)	Garuda Indonesia	B738 (PK-GMF)	Landed 7:20 PM
69	7:25 PM	JT677	Balikpapan (BPN)	Lion Air	B739 (PK-LGM)	Landed 7:24 PM
70	7:25 PM	QG106	Jakarta (HLP)	Citilink	A320 (PK-GQS)	Landed 7:04 PM
71	7:25 PM	IW1906	Bandung (BDO)	Wings Air	AT76 (PK-WGP)	Landed 6:52 PM
72	7:30 PM	ID7541	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Landed 7:01 PM
73	7:40 PM	GA216	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNS)	Landed 7:42 PM
74	7:50 PM	SJ234	Jakarta (CGK)	Sriwijaya Air	B738 (PK-CMK)	Landed 9:06 PM
75	8:00 PM	GA255	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNK)	Landed 7:52 PM
76	8:10 PM	JT568	Jakarta (CGK)	Lion Air	B739 (PK-LFS)	Landed 8:25 PM
77	8:30 PM	ID7543	Jakarta (HLP)	Batik Air	A320 (PK-LAZ)	Landed 8:46 PM
78	8:35 PM	IN275	Denpasar (DPS)	Nam Air	735	Unknown
79	8:40 PM	IW1813	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Landed 8:39 PM
80	9:00 PM	JT567	Palembang (PLM)	Lion Air	B739 (PK-LGR)	Landed 10:57 PM
81	9:00 PM	QG108	Jakarta (HLP)	Citilink	A320 (PK-GQR)	Landed 8:17 PM
82	9:10 PM	SJ713	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMT)	Landed 9:10 PM
83	9:30 PM	GA258	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMZ)	Landed 9:19 PM
84	9:55 PM	IN238	Pontianak (PNK)	Nam Air	735	Unknown
85	10:00 PM	IW1847	Surabaya (SUB)	Wings Air	AT7	Unknown
86	10:05 PM	SJ218	Jakarta (CGK)	Sriwijaya Air	738	Unknown
87	10:10 PM	GA256	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFJ)	Landed 9:49 PM
88	10:20 PM	QZ7554	Jakarta (CGK)	AirAsia	A320 (PK-AXR)	Landed 9:38 PM
89	10:40 PM	QG110	Jakarta (HLP)	Citilink	A320 (PK-GLU)	Landed 10:16 PM
90	11:00 PM	QG770	Jakarta (CGK)	Citilink	A320 (PK-GLT)	Landed 11:08 PM

KEDATANGAN						
NO	JAM	FLIGHT	TO	AIRLINE	AIRCRAFT	STATUS
1	5:00 AM	QG771	Jakarta (CGK)	Citilink	A320 (PK-GQJ)	Departed 5:03 AM
2	5:00 AM	SJ219	Jakarta (CGK)	Sriwijaya Air	738	Unknown
3	5:55 AM	GA201	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMY)	Departed 6:14 AM
4	6:00 AM	ID7542	Jakarta (HLP)	Batik Air	A320 (PK-LUG)	Departed 6:00 AM
5	6:00 AM	IW1814	Surabaya (SUB)	Wings Air	AT76 (PK-WHO)	Departed 6:16 AM
6	6:00 AM	QG111	Jakarta (HLP)	Citilink	A320 (PK-GLV)	Departed 5:57 AM
7	6:10 AM	IN274	Denpasar (DPS)	NAM Air	B735 (PK-NAP)	Departed 6:21 AM
8	6:20 AM	GA257	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Departed 6:32 AM
9	6:45 AM	JT276	Pekanbaru (PKU)	Lion Air	B739 (PK-LGZ)	Departed 7:18 AM
10	6:55 AM	JT670	Balikpapan (BPN)	Lion Air	B739 (PK-LGY)	Departed 6:50 AM
11	7:25 AM	GA203	Jakarta (CGK)	Garuda Indonesia (Retro 1969 Livery)	B738 (PK-GFN)	Departed 7:29 AM
12	7:25 AM	JT560	Denpasar (DPS)	Lion Air	B739 (PK-LGO)	Departed 7:40 AM
13	7:25 AM	QZ658	Singapore (SIN)	AirAsia	A320 (PK-AXU)	Departed 7:22 AM
14	7:40 AM	ID7530	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Departed 7:45 AM
15	8:15 AM	QZ8441	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Departed 8:26 AM
16	8:25 AM	GA250	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNK)	Departed 8:32 AM
17	8:35 AM	QG784	Balikpapan (BPN)	Citilink	A320 (PK-GQC)	Departed 8:41 AM
18	8:55 AM	JT565	Jakarta (CGK)	Lion Air	B739 (PK-LGT)	Departed 9:04 AM
19	9:00 AM	IW1844	Surabaya (SUB)	Wings Air	AT7	Unknown
20	9:20 AM	XN780	Palembang (PLM)	Express Air	B733 (PK-TZE)	Departed 10:01 AM
21	9:30 AM	QG101	Jakarta (HLP)	Citilink	A320 (PK-GQS)	Departed 9:29 AM
22	10:05 AM	GA205	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNJ)	Departed 10:19 AM
23	10:25 AM	QG783	Pekanbaru (PKU)	Citilink	A320 (PK-GLF)	Unknown
24	10:35 AM	IN80	Palembang (PLM)	Nam Air	735	Unknown
25	10:45 AM	XN830	Pontianak (PNK)	Express Air	733	Unknown
26	10:55 AM	SJ245	Jakarta (CGK)	Sriwijaya Air	B738 (PK-CMJ)	Departed 10:52 AM
27	11:05 AM	ID7532	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Departed 11:11 AM
28	11:10 AM	ID6690	Samarinda (AAP)	Batik Air	32A	Unknown
29	11:20 AM	JT522	Banjarmasin (BDJ)	Lion Air	B739 (PK-LGO)	Departed 11:55 AM
30	11:35 AM	QZ7553	Jakarta (CGK)	AirAsia	A320 (PK-AZH)	Departed 11:42 AM

31	11:45 AM	AK347	Kuala Lumpur (KUL)	AirAsia (Connecting ASEAN Livery)	A320 (9M-AHX)	Departed 11:36 AM
32	12:10 PM	GA207	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Departed 12:22 PM
33	12:20 PM	JT277	Batam (BTH)	Lion Air	B739 (PK-LGZ)	Departed 6:17 PM
34	12:20 PM	IW1811	Bandung (BDO)	Wings Air	AT75 (PK-WFV)	Departed 12:09 PM
35	12:30 PM	JT868	Samarinda (AAP)	Lion Air	B738 (PK-LOO)	Departed 2:24 PM
36	1:00 PM	QZ7557	Jakarta (CGK)	AirAsia	A320 (PK-AXU)	Departed 12:49 PM
37	1:25 PM	GA469	Balikpapan (BPN)	Garuda Indonesia	CRJX (PK-GRS)	Departed 1:25 PM
38	1:45 PM	ID7536	Jakarta (HLP)	Batik Air	A320 (PK-LAL)	Departed 1:57 PM
39	2:00 PM	IN550	Pangkal Pinang (PGK)	NAM Air	B735 (PK-NAO)	Departed 2:36 PM
40	2:10 PM	GA209	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNH)	Departed 2:20 PM
41	2:40 PM	QG775	Jakarta (CGK)	Citilink	A320 (PK-GLG)	Departed 3:08 PM
42	2:45 PM	SJ2300	Balikpapan (BPN)	Sriwijaya Air	738	Unknown
43	3:00 PM	IW1846	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Departed 3:29 PM
44	3:00 PM	SJ230	Balikpapan (BPN)	Sriwijaya Air	B738 (PK-CMJ)	Departed 2:57 PM
45	3:05 PM	GA211	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFY)	Departed 3:26 PM
46	3:40 PM	QG105	Jakarta (HLP)	Citilink	A320 (PK-GLO)	Departed 5:02 PM
47	3:40 PM	QZ8449	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Departed 3:56 PM
48	3:45 PM	JT640	Makassar (UPG)	Lion Air	B739 (PK-LHK)	Departed 7:12 PM
49	3:55 PM	QG781	Medan (KNO)	Citilink	A320 (PK-GQK)	Departed 3:59 PM
50	4:00 PM	ID7540	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Departed 4:04 PM
51	4:05 PM	IW1812	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Departed 4:07 PM
52	4:10 PM	QG779	Makassar (UPG)	Citilink	A320 (PK-GQL)	Departed 4:23 PM
53	4:15 PM	QZ8075	Medan (KNO)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Departed 4:49 PM
54	4:20 PM	GA213	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFZ)	Departed 4:58 PM
55	4:20 PM	GA252	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNK)	Departed 4:30 PM
56	4:30 PM	QZ7551	Jakarta (CGK)	AirAsia	A320 (PK-AXU)	Departed 4:39 PM
57	4:40 PM	QG1525	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Departed 4:45 PM
58	5:35 PM	AK349	Kuala Lumpur (KUL)	AirAsia	A320 (9M-RAT)	Departed 6:22 PM
59	5:35 PM	IN237	Pontianak (PNK)	Nam Air	735	Unknown
60	5:40 PM	JT274	Lombok (LOP)	Lion Air	B739 (PK-LGK)	Departed 9:02 PM

61	5:45 PM	ID6375	Jakarta (CGK)	Batik Air	A320 (PK-LAL)	Departed 6:01 PM
62	6:00 PM	MI153	Singapore (SIN)	SilkAir	B738 (9V-MGB)	Departed 5:58 PM
63	6:10 PM	IW1817	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Departed 6:34 PM
64	6:20 PM	GA215	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFV)	Departed 7:16 PM
65	6:35 PM	JT271	Padang (PDG)	Lion Air	B739 (PK-LHU)	Departed 7:48 PM
66	6:45 PM	QG1627	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Departed 7:08 PM
67	6:50 PM	ID7538	Jakarta (HLP)	Batik Air	A320 (PK-LAT)	Departed 7:28 PM
68	6:50 PM	SJ336	Bandar Lampung (TKG)	Sriwijaya Air	738	Unknown
69	7:00 PM	GA2154	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GEM)	Departed 7:37 PM
70	7:05 PM	IN239	Pontianak (PNK)	KalStar Aviation	AT76 (PK-KSA)	Departed 7:32 PM
71	7:45 PM	IW1907	Bandung (BDO)	Wings Air	AT76 (PK-WGP)	Departed 7:45 PM
72	7:55 PM	JT664	Balikpapan (BPN)	Lion Air	B739 (PK-LGU)	Departed 8:48 PM
73	7:55 PM	QG107	Jakarta (HLP)	Citilink	A320 (PK-GQS)	Departed 7:58 PM
74	8:00 PM	JT545	Jakarta (CGK)	Lion Air	B739 (PK-LGM)	Departed 8:33 PM
75	8:10 PM	GA677	Makassar (UPG)	Garuda Indonesia	B738 (PK-GMF)	Departed 8:43 PM
76	8:20 PM	ID6367	Jakarta (CGK)	Batik Air	B738 (PK-LDG)	Departed 8:19 PM
77	8:25 PM	GA217	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNS)	Departed 8:53 PM
78	8:35 PM	SJ235	Jakarta (CGK)	Sriwijaya Air	B738 (PK-CMK)	Departed 9:58 PM
79	8:45 PM	GA254	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNK)	Departed 8:58 PM
80	8:50 PM	JT568	Denpasar (DPS)	Lion Air	B739 (PK-LFS)	Departed 9:23 PM
81	8:50 PM	JT677	Denpasar (DPS)	Lion Air	739	Unknown
82	9:05 PM	IW1842	Surabaya (SUB)	Wings Air	AT7	Unknown
83	9:40 PM	JT566	Palembang (PLM)	Lion Air	B739 (PK-LGR)	Departed 11:48 PM
84	9:40 PM	QG109	Jakarta (HLP)	Citilink	A320 (PK-GQR)	Departed 9:35 PM
85	9:50 PM	IN277	Jakarta (CGK)	Nam Air	735	Unknown
86	9:50 PM	IN279	Jakarta (CGK)	Nam Air	735	Unknown
87	9:55 PM	SJ712	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMT)	Departed 10:05 PM
88	10:50 PM	QZ7555	Jakarta (CGK)	AirAsia	A320 (PK-AXR)	Departed 10:39 PM

LAMPIRAN 2

JADWAL OPERASIONAL PESAWAT 23 SEPTEMBER 2019

KEDATANGAN						
NO	JAM	FLIGHT	FROM	AIRLINE	AIRCRAFT	STATUS
1	6:00 AM	JT273	Lombok (LOP)	Lion Air	B739 (PK-LGK)	Landed 6:25 AM
2	6:00 AM	JT544	Jakarta (CGK)	Lion Air	B739 (PK-LJT)	Landed 5:41 AM
3	6:40 AM	GA202	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNS)	Landed 6:15 AM
4	6:45 AM	JT521	Banjarmasin (BDJ)	Lion Air	B739 (PK-LGO)	Landed 8:53 AM
5	6:50 AM	ID6360	Jakarta (CGK)	Batik Air	B738 (PK-LBS)	Landed 6:41 AM
6	6:55 AM	QZ7556	Jakarta (CGK)	AirAsia	A320 (PK-AZK)	Landed 6:47 AM
7	7:40 AM	GA251	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GME)	Landed 7:15 AM
8	7:50 AM	QZ8440	Denpasar (DPS)	AirAsia	A320 (PK-AXX)	Landed 7:31 AM
9	7:55 AM	QG785	Balikpapan (BPN)	Citilink	A320 (PK-GQC)	Landed 7:53 AM
	8:15 AM	JT667	Balikpapan (BPN)	Lion Air	B739 (PK-LFT)	Landed 8:21 AM
11	8:15 AM	JT1859	Balikpapan (BPN)	Lion Air	739	Unknown
12	8:40 AM	IW1843	Surabaya (SUB)	Wings Air	AT7	Unknown
13	8:40 AM	QG100	Jakarta (HLP)	Citilink	A320 (PK-GQH)	Landed 8:15 AM
14	8:40 AM	XN831	Pontianak (PNK)	Express Air	733	Canceled
15	9:20 AM	GA204	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Landed 9:01 AM
16	9:30 AM	MI152	Singapore (SIN)	SilkAir	B738 (9V-MGN)	Landed 9:22 AM
17	9:40 AM	XN779	Palembang (PLM)	Express Air	733	Unknown
18	9:55 AM	IN236	Pontianak (PNK)	KalStar Aviation	AT76 (PK-KSA)	Landed 7:33 PM
19	9:55 AM	QG782	Pekanbaru (PKU)	Citilink	A320 (PK-GLG)	Unknown
20	9:55 AM	SJ231	Balikpapan (BPN)	Sriwijaya Air	B739 (PK-CMO)	Landed 9:35 AM
21	10:20 AM	ID7531	Jakarta (HLP)	Batik Air	B738 (PK-LBS)	Landed 10:25 AM
22	10:30 AM	ID6691	Samarinda (AAP)	Batik Air	32A	Unknown
23	10:40 AM	JT569	Denpasar (DPS)	Lion Air	B739 (PK-LGO)	Landed 12:47 PM
24	11:10 AM	QZ7552	Jakarta (CGK)	AirAsia	A320 (PK-AXU)	Landed 11:00 AM
25	11:20 AM	AK346	Kuala Lumpur (KUL)	AirAsia	A320 (9M-AFB)	Landed 10:51 AM
26	11:25 AM	GA206	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFV)	Landed 11:06 AM
27	11:40 AM	JT124	Pekanbaru (PKU)	Lion Air	B739 (PK-LPY)	Unknown
28	11:40 AM	JT279	Pekanbaru (PKU)	Lion Air	739	Canceled
29	11:45 AM	JT869	Samarinda (AAP)	Lion Air	B738 (PK-LOO)	Landed 1:05 PM
30	11:55 AM	IW1811	Surabaya (SUB)	Wings Air	AT75 (PK-WFP)	Landed 11:51 AM

31	12:35 PM	QZ659	Singapore (SIN)	AirAsia	A320 (PK-AZK)	Landed 12:09 PM
32	12:45 PM	GA468	Balikpapan (BPN)	Garuda Indonesia	CRK	Canceled
33	12:55 PM	IN551	Pangkal Pinang (PGK)	Nam Air	735	Unknown
34	1:10 PM	ID7368	Jakarta (CGK)	Garuda Indonesia	CRJX (PK-GRC)	Landed 12:55 PM
35	1:25 PM	GA208	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMW)	Landed 1:15 PM
36	1:55 PM	QG774	Jakarta (CGK)	Citilink	A320 (PK-GLK)	Landed 2:16 PM
37	2:00 PM	SJ244	Jakarta (CGK)	Sriwijaya Air	B739 (PK-CMO)	Landed 1:54 PM
38	2:05 PM	SJ2300	Jakarta (CGK)	Sriwijaya Air	738	Unknown
39	2:20 PM	GA210	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNR)	Landed 2:05 PM
40	2:20 PM	ID7533	Jakarta (HLP)	Batik Air	B738 (PK-LBS)	Landed 2:11 PM
41	2:40 PM	IW1845	Surabaya (SUB)	Wings Air	AT75 (PK-WFP)	Landed 6:16 PM
42	2:55 PM	QG780	Medan (KNO)	Citilink	A320 (PK-GLY)	Landed 3:20 PM
43	3:00 PM	IW1406	Majalengka (KJT)	Wings Air	AT7	Unknown
44	3:00 PM	JT641	Makassar (UPG)	Lion Air	B739 (PK-LGS)	Landed 3:04 PM
45	3:05 PM	QG778	Makassar (UPG)	Citilink	A320 (PK-GQK)	Landed 2:53 PM
46	3:05 PM	IW1812	Bandung (BDO)	Wings Air	AT75 (PK-WFP)	Landed 3:09 PM
47	3:10 PM	QG104	Jakarta (HLP)	Citilink	A320 (PK-GQA)	Landed 4:34 PM
48	3:15 PM	QZ8448	Denpasar (DPS)	AirAsia	A320 (PK-AXX)	Landed 2:41 PM
49	3:30 PM	GA253	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNS)	Landed 3:00 PM
50	3:35 PM	GA212	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMZ)	Landed 3:17 PM
51	3:50 PM	QZ8074	Medan (KNO)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Landed 4:08 PM
52	3:55 PM	QZ7550	Jakarta (CGK)	AirAsia	A320 (PK-AZK)	Landed 3:35 PM
53	4:05 PM	QG1524	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Landed 3:43 PM
54	4:50 PM	IN81	Palembang (PLM)	Nam Air	735	Unknown
55	5:00 PM	ID7537	Jakarta (HLP)	Batik Air	A320 (PK-LUV)	Landed 4:54 PM
56	5:00 PM	JT278	Batam (BTH)	Lion Air	B739 (PK-LFL)	Landed 5:03 PM
57	5:00 PM	JT664	Batam (BTH)	Lion Air	739	Unknown
58	5:10 PM	AK348	Kuala Lumpur (KUL)	AirAsia (Allstars Livery)	A320 (9M-AFD)	Landed 5:38 PM
59	5:35 PM	GA214	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMY)	Landed 5:34 PM
60	5:45 PM	IW1816	Surabaya (SUB)	Wings Air	AT7	Unknown

61	5:45 PM	XN833	Pontianak (PNK)	Express Air	733	Unknown
62	5:55 PM	JT270	Padang (PDG)	Lion Air	B739 (PK-LHP)	Landed 5:58 PM
63	5:55 PM	QG1626	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Landed 6:13 PM
64	6:05 PM	SJ337	Bandar Lampung (TKG)	Sriwijaya Air	B738 (PK-CMH)	Landed 5:50 PM
65	6:10 PM	ID7539	Jakarta (HLP)	Batik Air	A320 (PK-LUZ)	Landed 7:30 PM
66	7:15 PM	JT564	Jakarta (CGK)	Lion Air	B739 (PK-LJF)	Landed 7:06 PM
67	7:20 PM	GA676	Makassar (UPG)	Garuda Indonesia	B738 (PK-GNF)	Landed 6:53 PM
68	7:25 PM	JT677	Balikpapan (BPN)	Lion Air (50th 737-900ER Livery)	B739 (PK-LHY)	Landed 8:51 PM
69	7:25 PM	QG106	Jakarta (HLP)	Citilink	A320 (PK-GQH)	Landed 7:58 PM
70	7:25 PM	IW1906	Bandung (BDO)	Wings Air	AT75 (PK-WFQ)	Landed 7:02 PM
71	7:30 PM	ID7541	Jakarta (HLP)	Batik Air	B738 (PK-LBS)	Landed 7:45 PM
72	7:40 PM	GA216	Jakarta (CGK)	Garuda Indonesia (Retro 1969 Livery)	B738 (PK-GFN)	Landed 7:24 PM
73	8:00 PM	GA255	Denpasar (DPS)	Garuda Indonesia	738	Canceled
74	8:10 PM	JT568	Jakarta (CGK)	Lion Air	B739 (PK-LGM)	Landed 7:50 PM
75	8:30 PM	ID7543	Jakarta (HLP)	Batik Air	A320 (PK-LAF)	Landed 8:42 PM
76	8:35 PM	IN275	Denpasar (DPS)	NAM Air	B735 (PK-NAP)	Landed 8:08 PM
77	8:40 PM	IW1813	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Landed 8:33 PM
78	9:00 PM	JT567	Palembang (PLM)	Lion Air	B739 (PK-LGR)	Landed 9:00 PM
79	9:00 PM	QG108	Jakarta (HLP)	Citilink	A320 (PK-GQR)	Landed 8:22 PM
80	9:10 PM	SJ713	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMJ)	Landed 9:40 PM
81	9:15 PM	SJ234	Jakarta (CGK)	Sriwijaya Air	738	Unknown
82	9:20 PM	IN278	Jakarta (CGK)	Nam Air	735	Unknown
83	9:20 PM	IN276	Jakarta (CGK)	Nam Air	735	Unknown
84	9:30 PM	GA258	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNT)	Landed 9:15 PM
85	9:55 PM	IN238	Pontianak (PNK)	Nam Air	735	Unknown
86	10:00 PM	IW1847	Surabaya (SUB)	Wings Air	AT7	Unknown
87	10:05 PM	SJ218	Jakarta (CGK)	Sriwijaya Air	738	Unknown
88	10:10 PM	GA256	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFV)	Landed 9:57 PM
89	10:20 PM	QZ7554	Jakarta (CGK)	AirAsia	A320 (PK-AZN)	Landed 9:53 PM
90	10:40 PM	QG110	Jakarta (HLP)	Citilink	320	Unknown
91	11:00 PM	QG770	Jakarta (CGK)	Citilink	A320 (PK-GLG)	Landed 10:41 PM

KEDATANGAN						
NO	JAM	FLIGHT	TO	AIRLINE	AIRCRAFT	STATUS
1	5:00 AM	QG771	Jakarta (CGK)	Citilink	A320 (PK-GLT)	Departed 5:26 AM
2	5:00 AM	SJ219	Jakarta (CGK)	Sriwijaya Air	738	Unknown
3	5:30 AM	IN239	Pontianak (PNK)	Nam Air	735	Unknown
4	5:55 AM	GA201	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFJ)	Departed 6:00 AM
5	6:00 AM	ID7542	Jakarta (HLP)	Batik Air	A320 (PK-LAZ)	Departed 5:53 AM
6	6:00 AM	IW1814	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Departed 5:57 AM
7	6:00 AM	QG111	Jakarta (HLP)	Citilink	A320 (PK-GLU)	Departed 6:09 AM
8	6:10 AM	IN274	Denpasar (DPS)	Nam Air	735	Unknown
9	6:20 AM	GA257	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMZ)	Departed 6:30 AM
10	6:45 AM	JT276	Pekanbaru (PKU)	Lion Air	B739 (PK-LGK)	Canceled
11	6:55 AM	JT670	Balikpapan (BPN)	Lion Air	B739 (PK-LJT)	Departed 7:00 AM
12	7:25 AM	GA203	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNS)	Departed 7:27 AM
13	7:25 AM	JT560	Denpasar (DPS)	Lion Air	B739 (PK-LGO)	Departed 9:49 AM
14	7:25 AM	QZ658	Singapore (SIN)	AirAsia	A320 (PK-AZK)	Departed 7:22 AM
15	7:40 AM	ID7530	Jakarta (HLP)	Batik Air	B738 (PK-LBS)	Departed 7:42 AM
16	8:15 AM	QZ8441	Denpasar (DPS)	AirAsia	A320 (PK-AXX)	Departed 8:13 AM
17	8:25 AM	GA250	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GME)	Departed 8:29 AM
18	8:35 AM	QG784	Balikpapan (BPN)	Citilink	A320 (PK-GQC)	Departed 8:40 AM
19	8:55 AM	JT565	Jakarta (CGK)	Lion Air	B739 (PK-LFT)	Departed 9:27 AM
20	9:00 AM	IW1844	Surabaya (SUB)	Wings Air	AT7	Unknown
21	9:20 AM	XN780	Palembang (PLM)	Express Air	733	Unknown
22	9:30 AM	QG101	Jakarta (HLP)	Citilink	A320 (PK-GQH)	Departed 9:43 AM
23	10:05 AM	GA205	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Departed 10:17 AM
24	10:15 AM	MI151	Singapore (SIN)	SilkAir	B738 (9V-MGN)	Departed 10:22 AM
25	10:25 AM	QG783	Pekanbaru (PKU)	Citilink	A320 (PK-GLG)	Unknown
26	10:35 AM	IN80	Palembang (PLM)	Nam Air	735	Unknown
27	10:45 AM	XN830	Pontianak (PNK)	Express Air	733	Unknown
28	10:55 AM	SJ245	Jakarta (CGK)	Sriwijaya Air	B739 (PK-CMO)	Departed 10:55 AM
29	11:05 AM	ID7532	Jakarta (HLP)	Batik Air	B738 (PK-LBS)	Departed 11:30 AM
30	11:10 AM	ID6690	Samarinda (AAP)	Batik Air	32A	Unknown

31	11:20 AM	JT522	Banjarmasin (BDI)	Lion Air	B739 (PK-LGO)	Departed 1:50 PM
32	11:35 AM	QZ7553	Jakarta (CGK)	AirAsia	A320 (PK-AXU)	Departed 11:42 AM
33	11:45 AM	AK347	Kuala Lumpur (KUL)	AirAsia	A320 (9M-AFB)	Departed 11:35 AM
34	12:10 PM	GA207	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFV)	Departed 12:12 PM
35	12:20 PM	IW1407	Majalengka (KJT)	Wings Air	AT7	Unknown
36	12:20 PM	JT277	Batam (BTH)	Lion Air	B739 (PK-LGK)	Departed 3:24 PM
37	12:20 PM	IW1811	Bandung (BDO)	Wings Air	AT75 (PK-WFP)	Departed 12:37 PM
38	12:30 PM	JT868	Samarinda (AAP)	Lion Air	B738 (PK-LOO)	Departed 1:57 PM
39	1:00 PM	QZ7557	Jakarta (CGK)	AirAsia	A320 (PK-AZK)	Departed 12:58 PM
40	1:25 PM	GA469	Balikpapan (BPN)	Garuda Indonesia	CRK	Canceled
41	1:45 PM	ID7536	Jakarta (HLP)	Batik Air	A320 (PK-LUS)	Departed 2:01 PM
42	2:00 PM	IN550	Pangkal Pinang (PGK)	Nam Air	735	Unknown
43	2:10 PM	GA209	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMW)	Departed 2:19 PM
44	2:40 PM	QG775	Jakarta (CGK)	Citilink	A320 (PK-GLK)	Departed 3:28 PM
45	2:45 PM	SJ2300	Balikpapan (BPN)	Sriwijaya Air	738	Unknown
46	3:00 PM	IW1846	Surabaya (SUB)	Wings Air	AT75 (PK-WFP)	Unknown
47	3:00 PM	SJ230	Balikpapan (BPN)	Sriwijaya Air	B739 (PK-CMO)	Departed 2:47 PM
48	3:05 PM	GA211	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNR)	Departed 3:12 PM
49	3:40 PM	QG105	Jakarta (HLP)	Citilink	A320 (PK-GQA)	Departed 5:33 PM
50	3:40 PM	QZ8449	Denpasar (DPS)	AirAsia	A320 (PK-AXX)	Departed 3:39 PM
51	3:45 PM	JT640	Makassar (UPG)	Lion Air	B739 (PK-LGS)	Departed 4:03 PM
52	3:55 PM	QG781	Medan (KNO)	Citilink	A320 (PK-GLY)	Departed 4:13 PM
53	4:00 PM	ID7540	Jakarta (HLP)	Batik Air	B738 (PK-LBS)	Departed 4:16 PM
54	4:05 PM	IW1812	Surabaya (SUB)	Wings Air	AT75 (PK-WFP)	Departed 6:39 PM
55	4:10 PM	QG779	Makassar (UPG)	Citilink	A320 (PK-GQK)	Departed 4:20 PM
56	4:15 PM	QZ8075	Medan (KNO)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Departed 4:57 PM
57	4:20 PM	GA252	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNS)	Departed 4:26 PM
58	4:20 PM	GA213	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMZ)	Departed 4:37 PM
59	4:30 PM	QZ7551	Jakarta (CGK)	AirAsia	A320 (PK-AZK)	Departed 4:41 PM
60	4:40 PM	QG1525	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Departed 4:29 PM

61	5:35 PM	AK349	Kuala Lumpur (KUL)	AirAsia (Allstars Livery)	A320 (9M-AFD)	Departed 6:21 PM
62	5:35 PM	IN237	Pontianak (PNK)	Nam Air	735	Unknown
63	5:40 PM	JT274	Lombok (LOP)	Lion Air	B739 (PK-LFL)	Departed 5:54 PM
64	5:45 PM	ID6375	Jakarta (CGK)	Batik Air	A320 (PK-LUV)	Departed 5:45 PM
65	6:10 PM	IW1817	Surabaya (SUB)	Wings Air	AT7	Unknown
66	6:20 PM	GA215	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMY)	Departed 6:26 PM
67	6:25 PM	XN832	Pontianak (PNK)	Express Air	733	Unknown
68	6:35 PM	JT271	Padang (PDG)	Lion Air	B739 (PK-LHP)	Departed 6:48 PM
69	6:45 PM	QG1627	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Departed 6:57 PM
70	6:50 PM	ID7538	Jakarta (HLP)	Batik Air	A320 (PK-LUZ)	Departed 8:12 PM
71	6:50 PM	SJ336	Bandar Lampung (TKG)	Sriwijaya Air	B738 (PK-CMH)	Departed 6:43 PM
72	7:45 PM	IW1907	Bandung (BDO)	Wings Air	AT75 (PK-WFQ)	Departed 7:36 PM
73	7:55 PM	JT664	Balikpapan (BPN)	Lion Air	B739 (PK-LJF)	Departed 8:02 PM
74	7:55 PM	QG107	Jakarta (HLP)	Citilink	A320 (PK-GQH)	Departed 8:46 PM
75	8:00 PM	JT545	Jakarta (CGK)	Lion Air (50th 737-900ER Livery)	B739 (PK-LHY)	Departed 9:43 PM
76	8:10 PM	GA677	Makassar (UPG)	Garuda Indonesia	B738 (PK-GNF)	Departed 8:17 PM
77	8:20 PM	ID6367	Jakarta (CGK)	Batik Air	B738 (PK-LBS)	Departed 8:30 PM
78	8:25 PM	GA217	Jakarta (CGK)	Garuda Indonesia (Retro 1969 Livery)	B738 (PK-GFN)	Departed 8:36 PM
79	8:45 PM	GA254	Denpasar (DPS)	Garuda Indonesia	738	Canceled
80	8:50 PM	JT568	Denpasar (DPS)	Lion Air	B739 (PK-LGM)	Departed 9:25 PM
81	8:50 PM	JT677	Denpasar (DPS)	Lion Air	739	Unknown
82	9:05 PM	IW1842	Surabaya (SUB)	Wings Air	AT7	Unknown
83	9:40 PM	JT566	Palembang (PLM)	Lion Air	B739 (PK-LGR)	Departed 9:47 PM
84	9:40 PM	QG109	Jakarta (HLP)	Citilink	320	Unknown
85	9:50 PM	IN277	Jakarta (CGK)	Nam Air	735	Unknown
86	9:50 PM	IN279	Jakarta (CGK)	Nam Air	735	Unknown
87	9:55 PM	SJ712	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMJ)	Departed 10:27 PM
88	10:00 PM	SJ235	Jakarta (CGK)	Sriwijaya Air	738	Unknown
89	10:50 PM	QZ7555	Jakarta (CGK)	AirAsia	A320 (PK-AZN)	Departed 10:45 PM

LAMPIRAN 3**JADWAL OPERASIONAL PESAWAT 24 SEPTEMBER 2019**

KEDATANGAN						
NO	JAM	FLIGHT	FROM	AIRLINE	AIRCRAFT	STATUS
1	6:00 AM	JT273	Lombok (LOP)	Lion Air	B739 (PK-LFL)	Landed 6:17 AM
2	6:00 AM	JT544	Jakarta (CGK)	Lion Air	B739 (PK-LGJ)	Landed 5:44 AM
3	6:40 AM	GA202	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMY)	Landed 6:21 AM
4	6:45 AM	JT521	Banjarmasin (BDJ)	Lion Air	B739 (PK-LGO)	Landed 7:11 AM
5	6:50 AM	ID6360	Jakarta (CGK)	Batik Air	B738 (PK-LBS)	Landed 6:42 AM
6	6:55 AM	QZ7556	Jakarta (CGK)	AirAsia	A320 (PK-AXR)	Landed 6:34 AM
7	7:40 AM	GA251	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMS)	Landed 7:15 AM
8	7:50 AM	QZ8440	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Landed 7:28 AM
9	7:55 AM	QG785	Balikpapan (BPN)	Citilink Garuda Indonesia	A320 (PK-GQT)	Landed 7:50 AM
10	8:15 AM	JT667	Balikpapan (BPN)	Lion Air	B739 (PK-LKM)	Landed 9:00 AM
11	8:15 AM	JT1859	Balikpapan (BPN)	Lion Air	739	Unknown
12	8:40 AM	IW1843	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Landed 8:50 AM
13	8:40 AM	QG100	Jakarta (HLP)	Citilink	A320 (PK-GQQ)	Landed 8:57 AM
14	8:40 AM	XN831	Pontianak (PNK)	Express Air	733	Unknown
15	9:20 AM	GA204	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Landed 9:10 AM
16	9:30 AM	MI152	Singapore (SIN)	SilkAir	B738 (9V-MGM)	Landed 9:32 AM
17	9:40 AM	XN779	Palembang (PLM)	Express Air	B733 (PK-TZE)	Landed 9:43 AM
18	9:55 AM	IN236	Pontianak (PNK)	Nam Air	735	Unknown
19	9:55 AM	QG782	Pekanbaru (PKU)	Citilink	A320 (PK-GQM)	Unknown
20	9:55 AM	SJ231	Balikpapan (BPN)	Sriwijaya Air	B738 (PK-CMH)	Landed 10:17 AM

21	10:20 AM	ID7531	Jakarta (HLP)	Batik Air	B738 (PK-LBS)	Landed 10:39 AM
22	10:30 AM	ID6691	Samarinda (AAP)	Batik Air	32A	Unknown
23	10:40 AM	JT569	Denpasar (DPS)	Lion Air	B739 (PK-LGO)	Landed 10:47 AM
24	11:10 AM	QZ7552	Jakarta (CGK)	AirAsia	A320 (PK-AZN)	Landed 10:54 AM
25	11:20 AM	AK346	Kuala Lumpur (KUL)	AirAsia	A320 (9M-AJC)	Landed 11:04 AM
26	11:25 AM	GA206	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMR)	Landed 11:11 AM
27	11:40 AM	JT124	Pekanbaru (PKU)	Lion Air	B739 (PK-LHS)	Unknown
28	11:40 AM	JT279	Pekanbaru (PKU)	Lion Air	B739 (PK-LFL)	Landed 1:22 PM
29	11:45 AM	JT869	Samarinda (AAP)	Lion Air	B738 (PK-LKZ)	Landed 1:59 PM
30	11:55 AM	IW1811	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Diverted to BDO
31	12:35 PM	QZ659	Singapore (SIN)	AirAsia	A320 (PK-AXR)	Landed 12:19 PM
32	12:55 PM	IN551	Pangkal Pinang (PGK)	KalStar Aviation	AT76 (PK-KSA)	Landed 2:46 PM
33	1:10 PM	ID7368	Jakarta (CGK)	Batik Air	A320 (PK-LUQ)	Landed 1:00 PM
34	1:25 PM	GA208	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMP)	Landed 1:13 PM
35	1:55 PM	QG774	Jakarta (CGK)	Citilink	A320 (PK-GLT)	Landed 1:50 PM
36	2:00 PM	SJ244	Jakarta (CGK)	Sriwijaya Air	B738 (PK-CMH)	Landed 2:03 PM
37	2:05 PM	SJ2300	Jakarta (CGK)	Sriwijaya Air	738	Unknown
38	2:20 PM	GA210	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GME)	Landed 2:11 PM
39	2:20 PM	ID7533	Jakarta (HLP)	Batik Air	B738 (PK-LBS)	Landed 2:17 PM
40	2:40 PM	IW1845	Surabaya (SUB)	Wings Air	AT76 (PK-WHO)	Landed 2:48 PM
41	2:55 PM	QG780	Medan (KNO)	Citilink	A320 (PK-GLU)	Landed 3:00 PM
42	3:00 PM	JT641	Makassar (UPG)	Lion Air	B739 (PK-LPW)	Landed 3:22 PM

43	3:05 PM	QG778	Makassar (UPG)	Citilink	A320 (PK-GQC)	Landed 3:07 PM
44	3:05 PM	IW1812	Bandung (BDO)	Wings Air	AT75 (PK-WFV)	Unknown
45	3:10 PM	QG104	Jakarta (HLP)	Citilink	A320 (PK-GLX)	Landed 3:03 PM
46	3:15 PM	QZ8448	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Landed 2:43 PM
47	3:30 PM	GA253	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMY)	Landed 3:19 PM
48	3:35 PM	GA212	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GND)	Landed 3:32 PM
49	3:40 PM	XN760	Samarinda (AAP)	Express Air	733	Unknown
50	3:50 PM	QZ8074	Medan (KNO)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Landed 3:48 PM
51	3:55 PM	QZ7550	Jakarta (CGK)	AirAsia	A320 (PK-AXR)	Landed 3:25 PM
52	4:05 PM	QG1524	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Landed 3:40 PM
53	4:50 PM	IN81	Palembang (PLM)	Nam Air	735	Unknown
54	4:55 PM	IN276	Jakarta (CGK)	Nam Air	735	Unknown
55	5:00 PM	ID7537	Jakarta (HLP)	Batik Air	A320 (PK-LZJ)	Landed 6:38 PM
56	5:00 PM	IN278	Jakarta (CGK)	Nam Air	735	Unknown
57	5:00 PM	JT278	Batam (BTH)	Lion Air	B739 (PK-LFL)	Landed 6:53 PM
58	5:00 PM	JT664	Batam (BTH)	Lion Air	739	Unknown
59	5:10 PM	AK348	Kuala Lumpur (KUL)	AirAsia	A20N (9M-AGH)	Landed 5:38 PM
60	5:35 PM	GA214	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFZ)	Landed 5:44 PM
61	5:45 PM	IW1816	Surabaya (SUB)	Wings Air	AT76 (PK-WHO)	Landed 5:34 PM
62	5:55 PM	JT270	Padang (PDG)	Lion Air	B739 (PK-LJM)	Landed 6:27 PM
63	5:55 PM	QG1626	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Landed 7:10 PM
64	6:05 PM	SJ337	Bandar Lampung (TKG)	Sriwijaya Air	B738 (PK-CRE)	Landed 5:52 PM
65	6:10 PM	ID7539	Jakarta (HLP)	Batik Air	A320 (PK-LUZ)	Landed 7:48 PM

66	7:15 PM	JT564	Jakarta (CGK)	Lion Air	739	Canceled
67	7:25 PM	JT677	Balikpapan (BPN)	Lion Air	B739 (PK-LFY)	Landed 7:34 PM
68	7:25 PM	QG106	Jakarta (HLP)	Citilink	A320 (PK-GQQ)	Landed 8:26 PM
69	7:25 PM	IW1906	Bandung (BDO)	Wings Air	AT76 (PK-WGQ)	Landed 7:40 PM
70	7:30 PM	ID7541	Jakarta (HLP)	Batik Air	738	Canceled
71	7:40 PM	GA216	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFJ)	Landed 7:27 PM
72	8:10 PM	JT568	Jakarta (CGK)	Lion Air	B739 (PK-LHI)	Landed 8:10 PM
73	8:30 PM	ID7543	Jakarta (HLP)	Batik Air	A320 (PK-LAQ)	Landed 9:56 PM
74	8:35 PM	IN275	Denpasar (DPS)	Nam Air	735	Unknown
75	8:40 PM	IW1813	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Landed 8:30 PM
76	9:00 PM	JT567	Palembang (PLM)	Lion Air	B739 (PK-LGR)	Landed 9:19 PM
77	9:00 PM	QG108	Jakarta (HLP)	Citilink	A320 (PK-GQH)	Landed 8:55 PM
78	9:10 PM	SJ713	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMT)	Landed 8:48 PM
79	9:15 PM	SJ234	Jakarta (CGK)	Sriwijaya Air	738	Unknown
80	9:30 PM	GA258	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNO)	Landed 9:27 PM
81	9:55 PM	IN238	Pontianak (PNK)	KalStar Aviation	AT76 (PK-KSA)	Landed 9:13 PM
82	10:00 PM	IW1847	Surabaya (SUB)	Wings Air	AT7	Canceled
83	10:05 PM	SJ218	Jakarta (CGK)	Sriwijaya Air	738	Unknown
84	10:10 PM	GA256	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMR)	Landed 10:05 PM
85	10:20 PM	QZ7554	Jakarta (CGK)	AirAsia	A320 (PK-AZD)	Landed 9:50 PM
86	10:40 PM	QG110	Jakarta (HLP)	Citilink	320	Unknown
87	11:00 PM	QG770	Jakarta (CGK)	Citilink	A320 (PK-GQS)	Landed 10:43 PM

KEDATANGAN						
NO	JAM	FLIGHT	TO	AIRLINE	AIRCRAFT	STATUS
1	5:00 AM	QG771	Jakarta (CGK)	Citilink	A320 (PK-GLG)	Departed 6:09 AM
2	5:00 AM	SJ219	Jakarta (CGK)	Sriwijaya Air	738	Unknown
3	5:30 AM	IN239	Pontianak (PNK)	Nam Air	735	Unknown
4	5:55 AM	GA201	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNT)	Departed 5:52 AM
5	6:00 AM	ID7542	Jakarta (HLP)	Batik Air	A320 (PK-LAF)	Departed 6:02 AM
6	6:00 AM	IW1814	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Departed 6:00 AM
7	6:00 AM	QG111	Jakarta (HLP)	Citilink	A320 (PK-GQR)	Departed 5:55 AM
8	6:10 AM	IN274	Denpasar (DPS)	NAM Air	B735 (PK-NAP)	Departed 6:13 AM
9	6:20 AM	GA257	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFV)	Departed 6:24 AM
10	6:45 AM	JT276	Pekanbaru (PKU)	Lion Air	B739 (PK-LFL)	Departed 8:37 AM
11	6:55 AM	JT670	Balikpapan (BPN)	Lion Air	B739 (PK-LGJ)	Departed 6:56 AM
12	7:25 AM	GA203	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMY)	Departed 7:19 AM
13	7:25 AM	JT560	Denpasar (DPS)	Lion Air	B739 (PK-LGO)	Departed 7:56 AM
14	7:25 AM	QZ658	Singapore (SIN)	AirAsia	A320 (PK-AXR)	Departed 7:23 AM
15	7:40 AM	ID7530	Jakarta (HLP)	Batik Air	B738 (PK-LBS)	Departed 7:43 AM
16	8:15 AM	QZ8441	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Departed 8:09 AM
17	8:25 AM	GA250	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMS)	Departed 8:24 AM
18	8:35 AM	QG784	Balikpapan (BPN)	Citilink Garuda Indonesia	A320 (PK-GQT)	Departed 9:03 AM
19	8:55 AM	JT565	Jakarta (CGK)	Lion Air	B739 (PK-LKM)	Departed 9:51 AM
20	9:00 AM	IW1844	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Departed 9:35 AM

21	9:20 AM	XN780	Palembang (PLM)	Express Air	733	Unknown
22	9:30 AM	QG101	Jakarta (HLP)	Citilink	A320 (PK-GQQ)	Departed 9:47 AM
23	10:05 AM	GA205	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Departed 10:21 AM
24	10:15 AM	MI151	Singapore (SIN)	SilkAir	B738 (9V-MGM)	Departed 10:34 AM
25	10:25 AM	QG783	Pekanbaru (PKU)	Citilink	A320 (PK-GQM)	Unknown
26	10:35 AM	IN80	Palembang (PLM)	Nam Air	735	Unknown
27	10:45 AM	XN761	Samarinda (AAP)	Express Air	733	Unknown
28	10:55 AM	SJ245	Jakarta (CGK)	Sriwijaya Air	B738 (PK-CMH)	Departed 11:07 AM
29	11:05 AM	ID7532	Jakarta (HLP)	Batik Air	B738 (PK-LBS)	Departed 11:29 AM
30	11:10 AM	ID6690	Samarinda (AAP)	Batik Air	32A	Unknown
31	11:20 AM	JT522	Banjarmasin (BDJ)	Lion Air	B739 (PK-LGO)	Departed 11:51 AM
32	11:35 AM	QZ7553	Jakarta (CGK)	AirAsia	A320 (PK-AZN)	Departed 11:35 AM
33	11:45 AM	AK347	Kuala Lumpur (KUL)	AirAsia	A320 (9M-AJC)	Departed 11:48 AM
34	12:10 PM	GA207	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMR)	Departed 12:11 PM
35	12:20 PM	JT277	Batam (BTH)	Lion Air	B739 (PK-LFL)	Departed 2:23 PM
36	12:20 PM	IW1811	Bandung (BDO)	Wings Air	AT75 (PK-WFV)	Departed 12:24 PM
37	12:30 PM	JT868	Samarinda (AAP)	Lion Air	B738 (PK-LKZ)	Departed 2:52 PM
38	1:00 PM	QZ7557	Jakarta (CGK)	AirAsia	A320 (PK-AXR)	Departed 12:52 PM
39	1:45 PM	ID7536	Jakarta (HLP)	Batik Air	A320 (PK-LUQ)	Departed 1:45 PM
40	2:00 PM	IN550	Pangkal Pinang (PGK)	Nam Air	735	Unknown
41	2:10 PM	GA209	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMP)	Departed 2:14 PM
42	2:40 PM	QG775	Jakarta (CGK)	Citilink	A320 (PK-GLT)	Departed 2:38 PM

43	2:45 PM	SJ2300	Balikpapan (BPN)	Sriwijaya Air	738	Unknown
44	3:00 PM	IW1846	Surabaya (SUB)	Wings Air	AT76 (PK-WHO)	Departed 3:27 PM
45	3:00 PM	SJ230	Balikpapan (BPN)	Sriwijaya Air	B738 (PK-CMH)	Departed 3:11 PM
46	3:05 PM	GA211	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GME)	Departed 3:14 PM
47	3:40 PM	QG105	Jakarta (HLP)	Citilink	A320 (PK-GLX)	Departed 4:03 PM
48	3:40 PM	QZ8449	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Departed 3:35 PM
49	3:45 PM	JT640	Makassar (UPG)	Lion Air	B739 (PK-LPW)	Departed 4:29 PM
50	3:55 PM	QG781	Medan (KNO)	Citilink	A320 (PK-GLU)	Departed 4:00 PM
51	4:00 PM	ID7540	Jakarta (HLP)	Batik Air	738	Canceled
52	4:05 PM	IW1812	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Departed 3:42 PM
53	4:10 PM	QG779	Makassar (UPG)	Citilink	A320 (PK-GQC)	Departed 4:26 PM
54	4:15 PM	QZ8075	Medan (KNO)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Departed 4:42 PM
55	4:20 PM	GA213	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GND)	Departed 4:55 PM
56	4:20 PM	GA252	Denpasar (DPS)	Garuda Indonesia	738	Unknown
57	4:30 PM	QZ7551	Jakarta (CGK)	AirAsia	A320 (PK-AXR)	Departed 4:33 PM
58	4:30 PM	XN830	Pontianak (PNK)	Express Air	733	Unknown
59	4:40 PM	QG1525	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Departed 4:39 PM
60	5:35 PM	AK349	Kuala Lumpur (KUL)	AirAsia	A20N (9M-AGH)	Departed 6:15 PM
61	5:35 PM	IN237	Pontianak (PNK)	KalStar Aviation	AT76 (PK-KSA)	Departed 5:54 PM
62	5:40 PM	JT274	Lombok (LOP)	Lion Air	B739 (PK-LFL)	Departed 7:43 PM
63	5:45 PM	ID6375	Jakarta (CGK)	Batik Air	A320 (PK-LZJ)	Departed 7:30 PM
64	6:10 PM	IW1817	Surabaya (SUB)	Wings Air	AT76 (PK-WHO)	Departed 6:02 PM
65	6:20 PM	GA215	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFZ)	Departed 6:42 PM

66	6:35 PM	JT271	Padang (PDG)	Lion Air	B739 (PK-LJM)	Departed 7:20 PM
67	6:45 PM	QG1627	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Departed 7:51 PM
68	6:50 PM	ID7538	Jakarta (HLP)	Batik Air	A320 (PK-LUZ)	Departed 8:39 PM
69	6:50 PM	SJ336	Bandar Lampung (TKG)	Sriwijaya Air	B738 (PK-CRE)	Departed 6:46 PM
70	7:45 PM	IW1907	Bandung (BDO)	Wings Air	AT76 (PK-WGQ)	Departed 8:13 PM
71	7:55 PM	JT664	Balikpapan (BPN)	Lion Air	B739 (PK-LFY)	Departed 8:17 PM
72	7:55 PM	QG107	Jakarta (HLP)	Citilink	A320 (PK-GQQ)	Departed 9:04 PM
73	8:00 PM	JT545	Jakarta (CGK)	Lion Air	739	Canceled
74	8:20 PM	ID6367	Jakarta (CGK)	Batik Air	B738 (PK-LBS)	Departed 8:22 PM
75	8:25 PM	GA217	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFJ)	Departed 8:35 PM
76	8:50 PM	JT568	Denpasar (DPS)	Lion Air	B739 (PK-LHI)	Departed 8:59 PM
77	8:50 PM	JT677	Denpasar (DPS)	Lion Air	739	Unknown
78	9:05 PM	IW1842	Surabaya (SUB)	Wings Air	AT7	Canceled
79	9:40 PM	JT566	Palembang (PLM)	Lion Air	B739 (PK-LGR)	Departed 9:59 PM
80	9:40 PM	QG109	Jakarta (HLP)	Citilink	320	Unknown
81	9:50 PM	IN279	Jakarta (CGK)	Nam Air	735	Unknown
82	9:50 PM	IN277	Jakarta (CGK)	Nam Air	735	Unknown
83	9:55 PM	SJ712	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMT)	Departed 9:46 PM
84	10:00 PM	SJ235	Jakarta (CGK)	Sriwijaya Air	738	Unknown
85	10:50 PM	QZ7555	Jakarta (CGK)	AirAsia	A320 (PK-AZD)	Departed 10:38 PM

LAMPIRAN 4
JADWAL OPERASIONAL PESAWAT 25 SEPTEMBER 2019

KEDATANGAN						
NO	JAM	FLIGHT	FROM	AIRLINE	AIRCRAFT	STATUS
1	6:00 AM	JT273	Lombok (LOP)	Lion Air	B739 (PK-LFL)	Landed 6:12 AM
2	6:00 AM	JT544	Jakarta (CGK)	Lion Air	B739 (PK-LHR)	Landed 5:47 AM
3	6:40 AM	GA202	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Landed 6:26 AM
4	6:45 AM	JT521	Banjarmasin (BDJ)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Landed 6:42 AM
5	6:50 AM	ID6360	Jakarta (CGK)	Batik Air	B738 (PK-LBT)	Landed 6:34 AM
6	6:55 AM	QZ7556	Jakarta (CGK)	AirAsia	A320 (PK-AZL)	Landed 7:22 AM
7	7:40 AM	GA251	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNV)	Landed 7:08 AM
8	7:50 AM	QZ8440	Denpasar (DPS)	AirAsia	A320 (PK-AXE)	Landed 7:43 AM
9	7:55 AM	QG785	Balikpapan (BPN)	Citilink Garuda Indonesia	A320 (PK-GQT)	Landed 7:47 AM
10	8:15 AM	JT667	Balikpapan (BPN)	Lion Air	B739 (PK-LGK)	Landed 9:57 AM
11	8:15 AM	JT1859	Balikpapan (BPN)	Lion Air	739	Unknown
12	8:40 AM	IW1843	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Landed 8:25 AM
13	8:40 AM	QG100	Jakarta (HLP)	Citilink	A320 (PK-GQJ)	Landed 8:25 AM
14	8:40 AM	XN831	Pontianak (PNK)	Express Air	733	Canceled
15	9:20 AM	GA204	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNU)	Landed 9:22 AM
16	9:30 AM	MI152	Singapore (SIN)	SilkAir	B738 (9V-MGP)	Landed 9:39 AM
17	9:40 AM	XN779	Palembang (PLM)	Express Air	733	Unknown
18	9:55 AM	IN236	Pontianak (PNK)	Nam Air	735	Unknown
19	9:55 AM	QG782	Pekanbaru (PKU)	Citilink	A320 (PK-GLJ)	Landed 12:41 PM
20	9:55 AM	SJ231	Balikpapan (BPN)	Sriwijaya Air	B738 (PK-CRI)	Landed 9:53 AM
21	10:20 AM	ID7531	Jakarta (HLP)	Batik Air	B738 (PK-LBT)	Landed 10:39 AM
22	10:30 AM	ID6691	Samarinda (AAP)	Batik Air	32A	Unknown
23	10:40 AM	JT569	Denpasar (DPS)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Landed 10:48 AM
24	11:10 AM	QZ7552	Jakarta (CGK)	AirAsia	A320 (PK-AZJ)	Landed 11:25 AM
25	11:20 AM	AK346	Kuala Lumpur (KUL)	AirAsia (Worlds Best Low Cost Airline Livery)	A320 (9M-AFC)	Landed 11:21 AM
26	11:25 AM	GA206	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Landed 11:16 AM
27	11:40 AM	JT124	Pekanbaru (PKU)	Lion Air	739	Unknown
28	11:40 AM	JT279	Pekanbaru (PKU)	Lion Air	B739 (PK-LFL)	Landed 11:37 AM
29	11:45 AM	JT869	Samarinda (AAP)	Lion Air	B738 (PK-LOQ)	Landed 1:27 PM
30	11:55 AM	IW1811	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Diverted to BDO

31	12:35 PM	QZ659	Singapore (SIN)	AirAsia	A320 (PK-AZL)	Landed 1:03 PM
32	12:45 PM	GA468	Balikpapan (BPN)	Garuda Indonesia	CRJX (PK-GRS)	Landed 4:10 PM
33	12:55 PM	IN551	Pangkal Pinang (PGK)	NAM Air	B735 (PK-NAO)	Landed 12:35 PM
34	1:10 PM	ID7368	Jakarta (CGK)	Batik Air	A320 (PK-LAW)	Landed 1:10 PM
35	1:25 PM	GA208	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Landed 1:21 PM
36	1:55 PM	QG774	Jakarta (CGK)	Citilink	A320 (PK-GLZ)	Landed 1:46 PM
37	2:00 PM	SJ244	Jakarta (CGK)	Sriwijaya Air	B738 (PK-CRI)	Landed 2:02 PM
38	2:05 PM	SJ2300	Jakarta (CGK)	Sriwijaya Air	738	Unknown
39	2:20 PM	GA210	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMI)	Landed 1:58 PM
40	2:20 PM	ID7533	Jakarta (HLP)	Batik Air	B738 (PK-LBT)	Landed 2:19 PM
41	2:40 PM	IW1845	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Landed 3:17 PM
42	2:55 PM	QG780	Medan (KNO)	Citilink	A320 (PK-GLX)	Landed 2:30 PM
43	3:00 PM	IW1406	Majalengka (KJT)	Wings Air	AT7	Unknown
44	3:00 PM	JT641	Makassar (UPG)	Lion Air	B739 (PK-LJI)	Landed 3:13 PM
45	3:05 PM	QG778	Makassar (UPG)	Citilink	A320 (PK-GLO)	Landed 2:47 PM
46	3:05 PM	IW1812	Bandung (BDO)	Wings Air	AT75 (PK-WFR)	Landed 3:20 PM
47	3:10 PM	QG104	Jakarta (HLP)	Citilink	A320 (PK-GLL)	Landed 3:01 PM
48	3:15 PM	QZ8448	Denpasar (DPS)	AirAsia	A320 (PK-AXE)	Landed 2:43 PM
49	3:30 PM	GA253	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GFQ)	Landed 3:05 PM
50	3:35 PM	GA212	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMW)	Landed 3:23 PM
51	3:50 PM	QZ8074	Medan (KNO)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Landed 3:45 PM
52	3:55 PM	QZ7550	Jakarta (CGK)	AirAsia	A320 (PK-AZL)	Landed 4:28 PM
53	4:05 PM	QG1524	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Landed 3:40 PM
54	4:50 PM	IN81	Palembang (PLM)	Nam Air	735	Unknown
55	5:00 PM	ID7537	Jakarta (HLP)	Batik Air	A320 (PK-LAW)	Landed 5:40 PM
56	5:00 PM	JT278	Batam (BTH)	Lion Air	B739 (PK-LFL)	Landed 5:03 PM
57	5:00 PM	JT664	Batam (BTH)	Lion Air	739	Unknown
58	5:10 PM	AK348	Kuala Lumpur (KUL)	AirAsia	A320 (9M-AJY)	Landed 4:51 PM
59	5:35 PM	GA214	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFJ)	Landed 5:44 PM
60	5:45 PM	IW1816	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Landed 6:09 PM

61	5:45 PM	XN833	Pontianak (PNK)	Express Air	733	Unknown
62	5:55 PM	JT270	Padang (PDG)	Lion Air	B739 (PK-LHS)	Landed 6:31 PM
63	5:55 PM	QG1626	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Landed 6:02 PM
64	6:05 PM	SJ337	Bandar Lampung (TKG)	Sriwijaya Air	738	Unknown
65	6:10 PM	ID7539	Jakarta (HLP)	Batik Air	A320 (PK-LUG)	Landed 6:24 PM
66	7:15 PM	JT564	Jakarta (CGK)	Lion Air	739	Canceled
67	7:20 PM	GA676	Makassar (UPG)	Garuda Indonesia	B738 (PK-GFX)	Landed 6:53 PM
68	7:25 PM	JT677	Balikpapan (BPN)	Lion Air	B739 (PK-LJG)	Landed 7:34 PM
69	7:25 PM	QG106	Jakarta (HLP)	Citilink	A320 (PK-GQJ)	Landed 7:19 PM
70	7:25 PM	IW1906	Bandung (BDO)	Wings Air	AT75 (PK-WFJ)	Landed 7:00 PM
71	7:30 PM	ID7541	Jakarta (HLP)	Batik Air	B738 (PK-LBT)	Landed 7:06 PM
72	7:40 PM	GA216	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNU)	Landed 7:21 PM
73	8:00 PM	GA255	Denpasar (DPS)	Garuda Indonesia	738	Landed 7:30 PM
74	8:10 PM	JT568	Jakarta (CGK)	Lion Air	B739 (PK-LHU)	Landed 8:05 PM
75	8:30 PM	ID7543	Jakarta (HLP)	Batik Air	A320 (PK-LUQ)	Landed 9:00 PM
76	8:35 PM	IN275	Denpasar (DPS)	NAM Air	B735 (PK-NAP)	Landed 8:10 PM
77	8:40 PM	IW1813	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Landed 8:32 PM
78	9:00 PM	JT567	Palembang (PLM)	Lion Air	B739 (PK-LGR)	Landed 9:36 PM
79	9:00 PM	QG108	Jakarta (HLP)	Citilink	A320 (PK-GLS)	Landed 8:23 PM
80	9:10 PM	SJ713	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMK)	Landed 10:05 PM
81	9:15 PM	SJ234	Jakarta (CGK)	Sriwijaya Air	738	Unknown
82	9:20 PM	IN276	Jakarta (CGK)	Nam Air	735	Unknown
83	9:20 PM	IN278	Jakarta (CGK)	Nam Air	735	Unknown
84	9:30 PM	GA258	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMU)	Landed 9:04 PM
85	9:55 PM	IN238	Pontianak (PNK)	Nam Air	735	Unknown
86	10:00 PM	IW1847	Surabaya (SUB)	Wings Air	AT7	Canceled
87	10:05 PM	SJ218	Jakarta (CGK)	Sriwijaya Air	738	Unknown
88	10:10 PM	GA256	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Landed 9:43 PM
89	10:20 PM	QZ7554	Jakarta (CGK)	AirAsia	A320 (PK-AZJ)	Landed 9:59 PM
90	10:40 PM	QG110	Jakarta (HLP)	Citilink	320	Unknown
91	11:00 PM	QG770	Jakarta (CGK)	Citilink	A320 (PK-GQA)	Landed 10:42 PM

KEDATANGAN						
NO	JAM	FLIGHT	TO	AIRLINE	AIRCRAFT	STATUS
1	5:00 AM	QG771	Jakarta (CGK)	Citilink	A320 (PK-GQH)	Departed 5:02 AM
2	5:00 AM	SJ219	Jakarta (CGK)	Sriwijaya Air	738	Unknown
3	5:30 AM	IN239	Pontianak (PNK)	Nam Air	735	Unknown
4	5:55 AM	GA201	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNO)	Departed 6:01 AM
5	6:00 AM	ID7542	Jakarta (HLP)	Batik Air	A320 (PK-LAQ)	Departed 5:53 AM
6	6:00 AM	IW1814	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Departed 5:49 AM
7	6:00 AM	QG111	Jakarta (HLP)	Citilink	A320 (PK-GQS)	Departed 5:57 AM
8	6:10 AM	IN274	Denpasar (DPS)	NAM Air	B735 (PK-NAT)	Departed 6:05 AM
9	6:20 AM	GA257	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMR)	Departed 6:18 AM
10	6:45 AM	JT276	Pekanbaru (PKU)	Lion Air	B739 (PK-LFL)	Departed 6:51 AM
11	6:55 AM	JT670	Balikpapan (BPN)	Lion Air	B739 (PK-LHR)	Departed 7:02 AM
12	7:25 AM	GA203	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Departed 7:37 AM
13	7:25 AM	JT560	Denpasar (DPS)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Departed 7:28 AM
14	7:25 AM	QZ658	Singapore (SIN)	AirAsia	A320 (PK-AZL)	Departed 8:04 AM
15	7:40 AM	ID7530	Jakarta (HLP)	Batik Air	B738 (PK-LBT)	Departed 7:32 AM
16	8:15 AM	QZ8441	Denpasar (DPS)	AirAsia	A320 (PK-AXE)	Departed 8:12 AM
17	8:25 AM	GA250	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNV)	Departed 8:34 AM
18	8:35 AM	QG784	Balikpapan (BPN)	Citilink Garuda Indonesia	A320 (PK-GQT)	Departed 8:28 AM
19	8:55 AM	JT565	Jakarta (CGK)	Lion Air	B739 (PK-LGK)	Departed 11:29 AM
20	9:00 AM	IW1844	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Departed 9:19 AM
21	9:20 AM	XN780	Palembang (PLM)	Express Air	733	Unknown
22	9:30 AM	QG101	Jakarta (HLP)	Citilink	A320 (PK-GQJ)	Departed 9:26 AM
23	10:05 AM	GA205	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNU)	Departed 10:31 AM
24	10:15 AM	MI151	Singapore (SIN)	SilkAir	B738 (9V-MGP)	Departed 10:43 AM
25	10:25 AM	QG783	Pekanbaru (PKU)	Citilink	A320 (PK-GLJ)	Departed 1:32 PM
26	10:35 AM	IN80	Palembang (PLM)	Nam Air	735	Unknown
27	10:45 AM	XN830	Pontianak (PNK)	Express Air	B733 (PK-TZE)	Departed 6:41 PM
28	10:55 AM	SJ245	Jakarta (CGK)	Sriwijaya Air	B738 (PK-CRI)	Departed 10:51 AM
29	11:05 AM	ID7532	Jakarta (HLP)	Batik Air	B738 (PK-LBT)	Departed 11:44 AM
30	11:10 AM	ID6690	Samarinda (AAP)	Batik Air	32A	Unknown
31	11:20 AM	JT522	Banjarmasin (BDJ)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Departed 11:41 AM
32	11:35 AM	QZ7553	Jakarta (CGK)	AirAsia	A320 (PK-AZI)	Departed 12:01 PM
33	11:45 AM	AK347	Kuala Lumpur (KUL)	AirAsia (Worlds Best Low Cost Airline Livery)	A320 (9M-AFC)	Departed 12:06 PM

34	12:10 PM	GA207	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Departed 12:21 PM
35	12:20 PM	IW1407	Majalengka (KJT)	Wings Air	AT7	Unknown
36	12:20 PM	JT277	Batam (BTH)	Lion Air	B739 (PK-LFL)	Departed 12:31 PM
37	12:20 PM	IW1811	Bandung (BDO)	Wings Air	AT75 (PK-WFR)	Departed 12:44 PM
38	12:30 PM	JT868	Samarinda (AAP)	Lion Air	B738 (PK-LOQ)	Departed 2:34 PM
39	1:00 PM	QZ7557	Jakarta (CGK)	AirAsia	A320 (PK-AZL)	Departed 1:34 PM
40	1:25 PM	GA469	Balikpapan (BPN)	Garuda Indonesia	CRJX (PK-GRS)	Departed 5:06 PM
41	1:45 PM	ID7536	Jakarta (HLP)	Batik Air	A320 (PK-LAW)	Departed 2:06 PM
42	2:00 PM	IN550	Pangkal Pinang (PGK)	NAM Air	B735 (PK-NAO)	Departed 1:48 PM
43	2:10 PM	GA209	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Departed 2:23 PM
44	2:40 PM	QG775	Jakarta (CGK)	Citilink	A320 (PK-GLZ)	Departed 2:38 PM
45	2:45 PM	SJ2300	Balikpapan (BPN)	Sriwijaya Air	738	Unknown
46	3:00 PM	IW1846	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Departed 3:57 PM
47	3:00 PM	SJ230	Balikpapan (BPN)	Sriwijaya Air	B738 (PK-CRI)	Departed 2:53 PM
48	3:05 PM	GA211	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMI)	Departed 3:09 PM
49	3:40 PM	QG105	Jakarta (HLP)	Citilink	A320 (PK-GLL)	Departed 4:02 PM
50	3:40 PM	QZ8449	Denpasar (DPS)	AirAsia	A320 (PK-AXE)	Departed 3:34 PM
51	3:45 PM	JT640	Makassar (UPG)	Lion Air	B739 (PK-LJI)	Departed 4:21 PM
52	3:55 PM	QG781	Medan (KNO)	Citilink	A320 (PK-GLX)	Departed 3:49 PM
53	4:00 PM	ID7540	Jakarta (HLP)	Batik Air	B738 (PK-LBT)	Departed 3:54 PM
54	4:05 PM	IW1812	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Departed 4:04 PM
55	4:10 PM	QG779	Makassar (UPG)	Citilink	A320 (PK-GLO)	Departed 4:18 PM
56	4:15 PM	QZ8075	Medan (KNO)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Departed 4:32 PM
57	4:20 PM	GA213	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMW)	Departed 4:36 PM
58	4:20 PM	GA252	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GFQ)	Departed 4:25 PM
59	4:30 PM	QZ7551	Jakarta (CGK)	AirAsia	A320 (PK-AZL)	Departed 5:10 PM
60	4:40 PM	QG1525	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Departed 4:39 PM
61	5:35 PM	AK349	Kuala Lumpur (KUL)	AirAsia	A320 (9M-AJY)	Departed 5:48 PM
62	5:35 PM	IN237	Pontianak (PNK)	Nam Air	735	Unknown
63	5:40 PM	JT274	Lombok (LOP)	Lion Air	B739 (PK-LFL)	Departed 5:51 PM
64	5:45 PM	ID6375	Jakarta (CGK)	Batik Air	A320 (PK-LAW)	Departed 6:17 PM
65	6:10 PM	IW1817	Surabaya (SUB)	Wings Air	AT75 (PK-WFV)	Departed 6:34 PM
66	6:20 PM	GA215	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFJ)	Departed 6:57 PM
67	6:25 PM	XN832	Pontianak (PNK)	Express Air	733	Unknown
68	6:35 PM	JT271	Padang (PDG)	Lion Air	B739 (PK-LHS)	Departed 7:26 PM

69	6:45 PM	QG1627	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Departed 6:45 PM
70	6:50 PM	ID7538	Jakarta (HLP)	Batik Air	A320 (PK-LUG)	Departed 7:09 PM
71	6:50 PM	SJ336	Bandar Lampung (TKG)	Sriwijaya Air	738	Unknown
72	7:45 PM	IW1907	Bandung (BDO)	Wings Air	AT75 (PK-WFJ)	Departed 7:37 PM
73	7:55 PM	JT664	Balikpapan (BPN)	Lion Air	B739 (PK-LJG)	Departed 8:28 PM
74	7:55 PM	QG107	Jakarta (HLP)	Citilink	A320 (PK-GQJ)	Departed 8:00 PM
75	8:00 PM	JT545	Jakarta (CGK)	Lion Air	739	Canceled
76	8:10 PM	GA677	Makassar (UPG)	Garuda Indonesia	B738 (PK-GFX)	Departed 8:13 PM
77	8:20 PM	ID6367	Jakarta (CGK)	Batik Air	B738 (PK-LBT)	Departed 8:17 PM
78	8:25 PM	GA217	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNU)	Departed 8:36 PM
79	8:45 PM	GA254	Denpasar (DPS)	Garuda Indonesia	738	Departed 8:45 PM
80	8:50 PM	JT568	Denpasar (DPS)	Lion Air	B739 (PK-LHU)	Departed 8:56 PM
81	8:50 PM	JT677	Denpasar (DPS)	Lion Air	739	Unknown
82	9:05 PM	IW1842	Surabaya (SUB)	Wings Air	AT7	Canceled
83	9:40 PM	JT566	Palembang (PLM)	Lion Air	B739 (PK-LGR)	Departed 10:16 PM
84	9:40 PM	QG109	Jakarta (HLP)	Citilink	320	Unknown
85	9:50 PM	IN277	Jakarta (CGK)	Nam Air	735	Unknown
86	9:50 PM	IN279	Jakarta (CGK)	Nam Air	735	Unknown
87	9:55 PM	SJ712	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMK)	Departed 10:53 PM
88	10:00 PM	SJ235	Jakarta (CGK)	Sriwijaya Air	738	Unknown
89	10:50 PM	QZ7555	Jakarta (CGK)	AirAsia	A320 (PK-AZJ)	Departed 10:34 PM

LAMPIRAN 5

JADWAL OPERASIONAL PESAWAT 26 SEPTEMBER 2019

KEDATANGAN						
NO	JAM	FLIGHT	FROM	AIRLINE	AIRCRAFT	STATUS
1	6:00 AM	JT273	Lombok (LOP)	Lion Air	B739 (PK-LFL)	Landed 6:19 AM
2	6:00 AM	JT544	Jakarta (CGK)	Lion Air	B739 (PK-LGS)	Landed 6:10 AM
3	6:40 AM	GA202	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Landed 6:22 AM
4	6:45 AM	JT521	Banjarmasin (BDJ)	Lion Air	B739 (PK-LKL)	Landed 6:36 AM
5	6:50 AM	ID6360	Jakarta (CGK)	Batik Air	B738 (PK-LBZ)	Landed 6:41 AM
6	6:55 AM	QZ7556	Jakarta (CGK)	AirAsia	A320 (PK-AXU)	Landed 6:46 AM
7	7:40 AM	GA251	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNL)	Landed 7:05 AM
8	7:50 AM	QZ8440	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Landed 7:46 AM
9	7:55 AM	QG785	Balikpapan (BPN)	Citilink Garuda Indonesia	A320 (PK-GQT)	Landed 8:00 AM
10	8:15 AM	JT667	Balikpapan (BPN)	Lion Air	B738 (PK-LJR)	Landed 8:46 AM
11	8:15 AM	JT1859	Balikpapan (BPN)	Lion Air	739	Unknown
12	8:40 AM	IW1843	Surabaya (SUB)	Wings Air	AT76 (PK-WHP)	Landed 9:10 AM
13	8:40 AM	QG100	Jakarta (HLP)	Citilink	A320 (PK-GLK)	Landed 8:50 AM
14	8:40 AM	XN831	Pontianak (PNK)	Express Air	B733 (PK-TZE)	Landed 10:28 AM
15	9:20 AM	GA204	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Landed 9:24 AM
16	9:30 AM	MI152	Singapore (SIN)	SilkAir	B738 (9V-MGM)	Landed 9:28 AM
17	9:40 AM	XN779	Palembang (PLM)	Express Air	733	Unknown
18	9:55 AM	IN236	Pontianak (PNK)	NAM Air	B735 (PK-NAP)	Landed 2:03 PM
19	9:55 AM	QG782	Pekanbaru (PKU)	Citilink	A320 (PK-GLO)	Landed 9:48 AM
20	9:55 AM	SJ231	Balikpapan (BPN)	Sriwijaya Air	738	Unknown
21	10:20 AM	ID7531	Jakarta (HLP)	Batik Air	B738 (PK-LBZ)	Unknown
22	10:30 AM	ID6691	Samarinda (AAP)	Batik Air	32A	Unknown
23	10:40 AM	JT569	Denpasar (DPS)	Lion Air	B739 (PK-LKL)	Landed 10:47 AM
24	11:10 AM	QZ7552	Jakarta (CGK)	AirAsia	A320 (PK-AZL)	Landed 11:10 AM
25	11:20 AM	AK346	Kuala Lumpur (KUL)	AirAsia	A20N (9M-AGS)	Landed 10:57 AM
26	11:25 AM	GA206	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNS)	Landed 11:03 AM
27	11:40 AM	JT124	Pekanbaru (PKU)	Lion Air	739	Unknown
28	11:40 AM	JT279	Pekanbaru (PKU)	Lion Air	B739 (PK-LFL)	Landed 11:55 AM
29	11:45 AM	JT869	Samarinda (AAP)	Lion Air	B738 (PK-LOM)	Landed 1:08 PM
30	11:55 AM	IW1811	Surabaya (SUB)	Wings Air	AT76 (PK-WHP)	Diverted to BDO

31	12:35 PM	QZ659	Singapore (SIN)	AirAsia	A320 (PK-AXU)	Landed 12:26 PM
32	12:55 PM	IN551	Pangkal Pinang (PGK)	Nam Air	735	Unknown
33	1:10 PM	ID7368	Jakarta (CGK)	Batik Air	A320 (PK-LAP)	Landed 1:05 PM
34	1:25 PM	GA208	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Unknown
35	1:55 PM	QG774	Jakarta (CGK)	Citilink	A320 (PK-GLG)	Landed 1:56 PM
36	2:00 PM	SJ244	Jakarta (CGK)	Sriwijaya Air	738	Unknown
37	2:05 PM	SJ2300	Jakarta (CGK)	Sriwijaya Air	738	Unknown
38	2:20 PM	GA210	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNT)	Landed 2:14 PM
39	2:20 PM	ID7533	Jakarta (HLP)	Batik Air	B738 (PK-LBZ)	Landed 2:33 PM
40	2:40 PM	IW1845	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Landed 2:45 PM
41	2:55 PM	QG780	Medan (KNO)	Citilink	A320 (PK-GLX)	Landed 2:28 PM
42	3:00 PM	JT641	Makassar (UPG)	Lion Air	B739 (PK-LFW)	Landed 3:12 PM
43	3:05 PM	QG778	Makassar (UPG)	Citilink	A320 (PK-GQC)	Landed 2:56 PM
44	3:05 PM	IW1812	Bandung (BDO)	Wings Air	AT76 (PK-WHP)	Landed 3:33 PM
45	3:10 PM	QG104	Jakarta (HLP)	Citilink	A320 (PK-GLQ)	Landed 3:07 PM
46	3:15 PM	QZ8448	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Landed 3:51 PM
47	3:30 PM	GA253	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMQ)	Landed 3:01 PM
48	3:35 PM	GA212	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Landed 3:27 PM
49	3:40 PM	XN760	Samarinda (AAP)	Express Air	733	Unknown
50	3:50 PM	QZ8074	Medan (KNO)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Landed 3:44 PM
51	3:55 PM	QZ7550	Jakarta (CGK)	AirAsia	A320 (PK-AXU)	Landed 4:08 PM
52	4:05 PM	QG1524	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Landed 4:02 PM
53	4:50 PM	IN81	Palembang (PLM)	Nam Air	735	Unknown
54	4:55 PM	IN276	Jakarta (CGK)	Nam Air	735	Unknown
55	5:00 PM	ID7537	Jakarta (HLP)	Batik Air	A320 (PK-LAI)	Landed 5:12 PM
56	5:00 PM	IN278	Jakarta (CGK)	Nam Air	735	Unknown
57	5:00 PM	JT278	Batam (BTH)	Lion Air	B739 (PK-LFL)	Landed 5:55 PM
58	5:00 PM	JT664	Batam (BTH)	Lion Air	739	Unknown
59	5:10 PM	AK348	Kuala Lumpur (KUL)	AirAsia	A20N (9M-AGN)	Landed 4:48 PM
60	5:35 PM	GA214	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GND)	Landed 5:47 PM

61	5:45 PM	IW1816	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Landed 5:44 PM
62	5:55 PM	JT270	Padang (PDG)	Lion Air	B739 (PK-LHL)	Landed 6:18 PM
63	5:55 PM	QG1626	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Landed 6:04 PM
64	6:05 PM	SJ337	Bandar Lampung (TKG)	Sriwijaya Air	738	Unknown
65	6:10 PM	ID7539	Jakarta (HLP)	Batik Air	A320 (PK-LAZ)	Landed 5:59 PM
66	7:15 PM	JT564	Jakarta (CGK)	Lion Air	B739 (PK-LPW)	Landed 7:09 PM
67	7:20 PM	GA676	Makassar (UPG)	Garuda Indonesia	B738 (PK-GNE)	Landed 6:59 PM
68	7:25 PM	JT677	Balikpapan (BPN)	Lion Air	B739 (PK-LGS)	Landed 7:54 PM
69	7:25 PM	QG106	Jakarta (HLP)	Citilink	A320 (PK-GLK)	Landed 7:19 PM
70	7:25 PM	IW1906	Bandung (BDO)	Wings Air	AT76 (PK-WGP)	Landed 7:27 PM
71	7:30 PM	ID7541	Jakarta (HLP)	Batik Air	B738 (PK-LBZ)	Landed 7:03 PM
72	7:40 PM	GA216	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMW)	Landed 7:22 PM
73	8:00 PM	GA255	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMR)	Landed 7:46 PM
74	8:10 PM	JT568	Jakarta (CGK)	Lion Air	B739 (PK-LFZ)	Landed 9:34 PM
75	8:30 PM	ID7543	Jakarta (HLP)	Batik Air	A320 (PK-LUU)	Landed 9:39 PM
76	8:35 PM	IN275	Denpasar (DPS)	KalStar Aviation	AT76 (PK-KSA)	Landed 8:03 PM
77	8:40 PM	IW1813	Surabaya (SUB)	Wings Air	AT7	Canceled
78	9:00 PM	JT567	Palembang (PLM)	Lion Air	B739 (PK-LHS)	Landed 9:06 PM
79	9:00 PM	QG108	Jakarta (HLP)	Citilink	A320 (PK-GQS)	Landed 8:37 PM
80	9:10 PM	SJ713	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMT)	Landed 9:26 PM
81	9:30 PM	GA258	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Landed 9:01 PM
82	9:55 PM	IN238	Pontianak (PNK)	KalStar Aviation	AT76 (PK-KSA)	Landed 11:55 PM
83	10:00 PM	IW1847	Surabaya (SUB)	Wings Air	AT7	Canceled
84	10:05 PM	SJ218	Jakarta (CGK)	Sriwijaya Air	738	Unknown
85	10:10 PM	GA256	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMZ)	Landed 9:44 PM
86	10:20 PM	QZ7554	Jakarta (CGK)	AirAsia (Wow Livery)	A320 (PK-AXS)	Landed 9:50 PM
87	10:40 PM	QG110	Jakarta (HLP)	Citilink	320	Unknown
88	11:00 PM	QG770	Jakarta (CGK)	Citilink	A320 (PK-GQQ)	Landed 10:47 PM

KEDATANGAN						
NO	JAM	FLIGHT	TO	AIRLINE	AIRCRAFT	STATUS
1	5:00 AM	QG771	Jakarta (CGK)	Citilink	A320 (PK-GQA)	Departed 5:05 AM
2	5:00 AM	SJ219	Jakarta (CGK)	Sriwijaya Air	738	Unknown
3	5:30 AM	IN239	Pontianak (PNK)	NAM Air	B735 (PK-NAP)	Departed 5:43 AM
4	5:55 AM	GA201	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Departed 5:50 AM
5	6:00 AM	ID7542	Jakarta (HLP)	Batik Air	A320 (PK-LUQ)	Departed 6:04 AM
6	6:00 AM	IW1814	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Departed 6:00 AM
7	6:00 AM	QG111	Jakarta (HLP)	Citilink	A320 (PK-GLS)	Departed 5:57 AM
8	6:10 AM	IN274	Denpasar (DPS)	Nam Air	735	Unknown
9	6:20 AM	GA257	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMU)	Departed 6:29 AM
10	6:45 AM	JT276	Pekanbaru (PKU)	Lion Air	B739 (PK-LFL)	Departed 7:08 AM
11	6:55 AM	JT670	Balikpapan (BPN)	Lion Air	B739 (PK-LGS)	Departed 6:58 AM
12	7:25 AM	GA203	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Departed 7:37 AM
13	7:25 AM	JT560	Denpasar (DPS)	Lion Air	B739 (PK-LKL)	Departed 7:32 AM
14	7:25 AM	QZ658	Singapore (SIN)	AirAsia	A320 (PK-AXU)	Departed 7:24 AM
15	7:40 AM	ID7530	Jakarta (HLP)	Batik Air	B738 (PK-LBZ)	Departed 7:42 AM
16	8:15 AM	QZ8441	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Departed 9:14 AM
17	8:25 AM	GA250	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNL)	Departed 8:53 AM
18	8:35 AM	QG784	Balikpapan (BPN)	Citilink Garuda Indonesia	A320 (PK-GQT)	Departed 9:18 AM
19	8:55 AM	JT565	Jakarta (CGK)	Lion Air	B738 (PK-LJR)	Departed 9:42 AM
20	9:00 AM	IW1844	Surabaya (SUB)	Wings Air	AT76 (PK-WHP)	Departed 9:46 AM
21	9:20 AM	XN780	Palembang (PLM)	Express Air	B733 (PK-TZE)	Departed 6:08 PM
22	9:30 AM	QG101	Jakarta (HLP)	Citilink	A320 (PK-GLK)	Departed 9:55 AM
23	10:05 AM	GA205	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Departed 10:35 AM
24	10:15 AM	MI151	Singapore (SIN)	SilkAir	B738 (9V-MGM)	Departed 10:25 AM
25	10:25 AM	QG783	Pekanbaru (PKU)	Citilink	A320 (PK-GLO)	Departed 10:32 AM
26	10:35 AM	IN80	Palembang (PLM)	NAM Air	B735 (PK-NAP)	Departed 2:49 PM
27	10:45 AM	XN761	Samarinda (AAP)	Express Air	733	Unknown
28	10:55 AM	SJ245	Jakarta (CGK)	Sriwijaya Air	738	Unknown
29	11:05 AM	ID7532	Jakarta (HLP)	Batik Air	B738 (PK-LBZ)	Departed 12:10 PM
30	11:10 AM	ID6690	Samarinda (AAP)	Batik Air	32A	Unknown

31	11:20 AM	JT522	Banjarmasin (BDJ)	Lion Air	B739 (PK-LKL)	Departed 11:49 AM
32	11:35 AM	QZ7553	Jakarta (CGK)	AirAsia	A320 (PK-AZL)	Departed 11:58 AM
33	11:45 AM	AK347	Kuala Lumpur (KUL)	AirAsia	A20N (9M-AGS)	Departed 11:38 AM
34	12:10 PM	GA207	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNS)	Departed 12:14 PM
35	12:20 PM	JT277	Batam (BTH)	Lion Air	B739 (PK-LFL)	Departed 1:12 PM
36	12:20 PM	IW1811	Bandung (BDO)	Wings Air	AT76 (PK-WHP)	Departed 1:18 PM
37	12:30 PM	JT868	Samarinda (AAP)	Lion Air	B738 (PK-LOM)	Departed 2:17 PM
38	1:00 PM	QZ7557	Jakarta (CGK)	AirAsia	A320 (PK-AXU)	Departed 1:15 PM
39	1:45 PM	ID7536	Jakarta (HLP)	Batik Air	A320 (PK-LAP)	Departed 2:09 PM
40	2:00 PM	IN550	Pangkal Pinang (PGK)	Nam Air	735	Unknown
41	2:10 PM	GA209	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Departed 2:37 PM
42	2:40 PM	QG775	Jakarta (CGK)	Citilink	A320 (PK-GLG)	Departed 2:53 PM
43	2:45 PM	SJ2300	Balikpapan (BPN)	Sriwijaya Air	738	Unknown
44	3:00 PM	IW1846	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Departed 3:14 PM
45	3:00 PM	SJ230	Balikpapan (BPN)	Sriwijaya Air	738	Unknown
46	3:05 PM	GA211	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNT)	Departed 3:21 PM
47	3:40 PM	QG105	Jakarta (HLP)	Citilink	A320 (PK-GLQ)	Departed 4:23 PM
48	3:40 PM	QZ8449	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Departed 4:51 PM
49	3:45 PM	JT640	Makassar (UPG)	Lion Air	B739 (PK-LFW)	Departed 4:42 PM
50	3:55 PM	QG781	Medan (KNO)	Citilink	A320 (PK-GLX)	Departed 3:55 PM
51	4:00 PM	ID7540	Jakarta (HLP)	Batik Air	B738 (PK-LBZ)	Departed 3:58 PM
52	4:05 PM	IW1812	Surabaya (SUB)	Wings Air	AT76 (PK-WHP)	Departed 4:12 PM
53	4:10 PM	QG779	Makassar (UPG)	Citilink	A320 (PK-GQC)	Departed 4:30 PM
54	4:15 PM	QZ8075	Medan (KNO)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Departed 4:35 PM
55	4:20 PM	GA213	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Departed 4:59 PM
56	4:20 PM	GA252	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMQ)	Departed 4:39 PM
57	4:30 PM	QZ7551	Jakarta (CGK)	AirAsia	A320 (PK-AXU)	Departed 5:05 PM
58	4:30 PM	XN830	Pontianak (PNK)	Express Air	733	Unknown
59	4:40 PM	QG1525	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Departed 4:55 PM
60	5:35 PM	AK349	Kuala Lumpur (KUL)	AirAsia	A20N (9M-AGN)	Departed 5:50 PM

61	5:35 PM	IN237	Pontianak (PNK)	KalStar Aviation	AT76 (PK-KSA)	Departed 8:44 PM
62	5:40 PM	JT274	Lombok (LOP)	Lion Air	B739 (PK-LFL)	Departed 6:43 PM
63	5:45 PM	ID6375	Jakarta (CGK)	Batik Air	A320 (PK-LAI)	Departed 6:12 PM
64	6:10 PM	IW1817	Surabaya (SUB)	Wings Air	AT7	Canceled
65	6:20 PM	GA215	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GND)	Departed 6:47 PM
66	6:35 PM	JT271	Padang (PDG)	Lion Air	B739 (PK-LHL)	Departed 7:30 PM
67	6:45 PM	QG1627	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Departed 6:50 PM
68	6:50 PM	ID7538	Jakarta (HLP)	Batik Air	A320 (PK-LAZ)	Departed 6:54 PM
69	6:50 PM	SJ336	Bandar Lampung (TKG)	Sriwijaya Air	738	Unknown
70	7:45 PM	IW1907	Bandung (BDO)	Wings Air	AT76 (PK-WGP)	Departed 7:57 PM
71	7:55 PM	JT664	Balikpapan (BPN)	Lion Air	B739 (PK-LPW)	Departed 8:07 PM
72	7:55 PM	QG107	Jakarta (HLP)	Citilink	A320 (PK-GLK)	Departed 8:12 PM
73	8:00 PM	JT545	Jakarta (CGK)	Lion Air	B739 (PK-LGS)	Departed 8:52 PM
74	8:10 PM	GA677	Makassar (UPG)	Garuda Indonesia	B738 (PK-GNE)	Departed 8:20 PM
75	8:20 PM	ID6367	Jakarta (CGK)	Batik Air	B738 (PK-LBZ)	Departed 8:16 PM
76	8:25 PM	GA217	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMW)	Departed 8:25 PM
77	8:45 PM	GA254	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMR)	Departed 8:48 PM
78	8:50 PM	JT568	Denpasar (DPS)	Lion Air	B739 (PK-LFZ)	Departed 10:25 PM
79	8:50 PM	JT677	Denpasar (DPS)	Lion Air	739	Unknown
80	9:05 PM	IW1842	Surabaya (SUB)	Wings Air	AT7	Canceled
81	9:40 PM	JT566	Palembang (PLM)	Lion Air	B739 (PK-LHS)	Departed 9:55 PM
82	9:40 PM	QG109	Jakarta (HLP)	Citilink	320	Unknown
83	9:50 PM	IN279	Jakarta (CGK)	Nam Air	735	Unknown
84	9:50 PM	IN277	Jakarta (CGK)	Nam Air	735	Unknown
85	9:55 PM	SJ712	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMT)	Departed 10:18 PM
86	10:50 PM	QZ7555	Jakarta (CGK)	AirAsia (Wow Livery)	A320 (PK-AXS)	Departed 10:29 PM

LAMPIRAN 6

JADWAL OPERASIONAL PESAWAT 27 SEPTEMBER 2019

KEDATANGAN						
NO	JAM	FLIGHT	FROM	AIRLINE	AIRCRAFT	STATUS
1	6:00 AM	JT273	Lombok (LOP)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Landed 6:15 AM
2	6:00 AM	JT544	Jakarta (CGK)	Lion Air	B739 (PK-LFY)	Landed 5:41 AM
3	6:40 AM	GA202	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Landed 6:24 AM
4	6:45 AM	JT521	Banjarmasin (BDJ)	Lion Air	B739 (PK-LGP)	Landed 6:39 AM
5	6:50 AM	ID6360	Jakarta (CGK)	Batik Air	B738 (PK-LDG)	Landed 6:44 AM
6	6:55 AM	QZ7556	Jakarta (CGK)	AirAsia	A320 (PK-AZJ)	Landed 6:56 AM
7	7:40 AM	GA251	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNL)	Landed 7:46 AM
8	7:50 AM	QZ8440	Denpasar (DPS)	AirAsia	A320 (PK-AZM)	Landed 7:50 AM
9	7:55 AM	QG785	Balikpapan (BPN)	Citilink Garuda Indonesia	A320 (PK-GQT)	Landed 8:03 AM
10	8:15 AM	JT667	Balikpapan (BPN)	Lion Air	B739 (PK-LGO)	Landed 8:07 AM
11	8:15 AM	JT1859	Balikpapan (BPN)	Lion Air	739	Unknown
12	8:40 AM	IW1843	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Landed 9:23 AM
13	8:40 AM	QG100	Jakarta (HLP)	Citilink	A320 (PK-GQR)	Landed 8:36 AM
14	8:40 AM	XN831	Pontianak (PNK)	Express Air	733	Canceled
15	9:20 AM	GA204	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GND)	Landed 9:28 AM
16	9:30 AM	MI152	Singapore (SIN)	SilkAir	B738 (9V-MGA)	Landed 10:05 AM
17	9:40 AM	XN779	Palembang (PLM)	Express Air	B733 (PK-TZE)	Landed 10:09 AM
18	9:55 AM	IN236	Pontianak (PNK)	NAM Air	B735 (PK-NAT)	Landed 9:47 AM
19	9:55 AM	QG782	Pekanbaru (PKU)	Citilink	A320 (PK-GLG)	Landed 9:51 AM
20	9:55 AM	SJ231	Balikpapan (BPN)	Sriwijaya Air	B739 (PK-CMP)	Landed 10:45 AM
21	10:15 AM	GA2064	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNF)	Landed 10:13 AM
22	10:20 AM	ID7531	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Landed 10:20 AM
23	10:30 AM	ID6691	Samarinda (AAP)	Batik Air	32A	Landen 10:30 AM
24	10:40 AM	JT569	Denpasar (DPS)	Lion Air	B739 (PK-LGP)	Landed 10:57 AM
25	11:10 AM	QZ7552	Jakarta (CGK)	AirAsia	A320 (PK-AZD)	Landed 11:00 AM
26	11:20 AM	AK346	Kuala Lumpur (KUL)	AirAsia	A320 (9M-AJK)	Landed 11:11 AM
27	11:25 AM	GA206	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFZ)	Landed 11:21 AM
28	11:40 AM	JT124	Pekanbaru (PKU)	Lion Air	739	Landed 11:40 AM
29	11:40 AM	JT279	Pekanbaru (PKU)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Landed 11:48 AM
30	11:45 AM	JT869	Samarinda (AAP)	Lion Air	B738 (PK-LOM)	Landed 12:33 PM

31	11:55 AM	IW1811	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Landed 12:01 PM
32	12:35 PM	QZ659	Singapore (SIN)	AirAsia	A320 (PK-AZJ)	Landed 12:38 PM
33	12:45 PM	GA468	Balikpapan (BPN)	Garuda Indonesia	CRJX (PK-GRJ)	Landed 12:48 PM
34	12:55 PM	IN551	Pangkal Pinang (PGK)	Nam Air	735	Unknown
35	1:10 PM	ID7368	Jakarta (CGK)	Batik Air	A320 (PK-LZK)	Landed 1:11 PM
36	1:25 PM	GA208	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Landed 1:04 PM
37	1:55 PM	QG774	Jakarta (CGK)	Citilink	A320 (PK-GQE)	Landed 2:27 PM
38	2:00 PM	SJ244	Jakarta (CGK)	Sriwijaya Air	B739 (PK-CMP)	Landed 3:11 PM
39	2:05 PM	SJ2300	Jakarta (CGK)	Sriwijaya Air	738	Unknown
40	2:20 PM	GA210	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMW)	Landed 2:01 PM
41	2:20 PM	ID7533	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Landed 2:54 PM
42	2:40 PM	IW1845	Surabaya (SUB)	Wings Air	AT75 (PK-WFW)	Landed 2:48 PM
43	2:55 PM	QG780	Medan (KNO)	Citilink	A320 (PK-GLK)	Landed 3:35 PM
44	3:00 PM	IW1406	Majalengka (KJT)	Wings Air	AT7	Unknown
45	3:00 PM	JT641	Makassar (UPG)	Lion Air	B739 (PK-LFS)	Landed 3:38 PM
46	3:05 PM	QG778	Makassar (UPG)	Citilink	A320 (PK-GQO)	Landed 2:59 PM
47	3:05 PM	IW1812	Bandung (BDO)	Wings Air	AT76 (PK-WHH)	Landed 3:42 PM
48	3:10 PM	QG104	Jakarta (HLP)	Citilink	A320 (PK-GQC)	Landed 3:06 PM
49	3:15 PM	QZ8448	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Landed 3:24 PM
50	3:30 PM	GA253	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMR)	Landed 3:17 PM
51	3:35 PM	GA212	Jakarta (CGK)	Garuda Indonesia (Retro 1969 Livery)	B738 (PK-GFN)	Landed 3:30 PM
52	3:50 PM	QZ8074	Medan (KNO)	AirAsia	A320 (PK-AXT)	Landed 3:46 PM
53	3:55 PM	QZ7550	Jakarta (CGK)	AirAsia	A320 (PK-AZJ)	Landed 3:50 PM
54	4:05 PM	QG1524	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Landed 4:00 PM
55	4:50 PM	IN81	Palembang (PLM)	KalStar Aviation	AT76 (PK-KSA)	Landed 4:49 PM

56	5:00 PM	ID7537	Jakarta (HLP)	Batik Air	A320 (PK-LZK)	Landed 5:40 PM
57	5:00 PM	JT278	Batam (BTH)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Landed 5:13 PM
58	5:00 PM	JT664	Batam (BTH)	Lion Air	739	Unknown
59	5:10 PM	AK348	Kuala Lumpur (KUL)	AirAsia	A20N (9M-RAJ)	Landed 5:07 PM
60	5:35 PM	GA214	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNK)	Landed 5:57 PM
61	5:45 PM	IW1816	Surabaya (SUB)	Wings Air	AT75 (PK-WFW)	Unknown
62	5:45 PM	XN833	Pontianak (PNK)	Express Air	733	Unknown
63	5:55 PM	JT270	Padang (PDG)	Lion Air	B739 (PK-LFK)	Landed 6:17 PM
64	5:55 PM	QG1626	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Landed 5:52 PM
65	6:05 PM	SJ337	Bandar Lampung (TKG)	Sriwijaya Air	738	Unknown
66	6:10 PM	ID7539	Jakarta (HLP)	Batik Air	A320 (PK-LAT)	Landed 6:31 PM
67	6:15 PM	GA2144	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFX)	Landed 6:25 PM
68	7:15 PM	JT564	Jakarta (CGK)	Lion Air	B739 (PK-LFZ)	Landed 7:57 PM
69	7:20 PM	GA676	Makassar (UPG)	Garuda Indonesia	B738 (PK-GNQ)	Landed 7:04 PM
70	7:25 PM	JT677	Balikpapan (BPN)	Lion Air	B739 (PK-LHQ)	Landed 7:23 PM
71	7:25 PM	QG106	Jakarta (HLP)	Citilink	A320 (PK-GQR)	Landed 7:50 PM
72	7:25 PM	IW1906	Bandung (BDO)	Wings Air	AT75 (PK-WFV)	Landed 7:14 PM
73	7:30 PM	ID7541	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Landed 7:39 PM
74	7:40 PM	GA216	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMZ)	Landed 7:44 PM
75	8:00 PM	GA255	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMR)	Landed 8:09 PM
76	8:10 PM	JT568	Jakarta (CGK)	Lion Air	B739 (PK-LPF)	Landed 8:59 PM
77	8:30 PM	ID7543	Jakarta (HLP)	Batik Air	A320 (PK-LAJ)	Landed 9:25 PM
78	8:35 PM	IN275	Denpasar (DPS)	Nam Air	735	Unknown
79	8:40 PM	IW1813	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Landed 8:48 PM
80	9:00 PM	JT567	Palembang (PLM)	Lion Air	B739 (PK-LHS)	Landed 9:28 PM
81	9:00 PM	QG108	Jakarta (HLP)	Citilink	A320 (PK-GLN)	Landed 8:40 PM
82	9:10 PM	SJ713	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMT)	Landed 9:32 PM
83	9:20 PM	IN276	Jakarta (CGK)	Nam Air	735	Unknown
84	9:20 PM	IN278	Jakarta (CGK)	Nam Air	735	Unknown
85	9:30 PM	GA258	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFY)	Landed 9:16 PM
86	9:55 PM	IN238	Pontianak (PNK)	NAM Air	B735 (PK-NAT)	Landed 9:13 PM
87	10:00 PM	IW1847	Surabaya (SUB)	Wings Air	AT7	Canceled
88	10:05 PM	SJ218	Jakarta (CGK)	Sriwijaya Air	738	Unknown
89	10:10 PM	GA256	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFZ)	Landed 9:52 PM
90	10:20 PM	QZ7554	Jakarta (CGK)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Landed 10:27 PM
91	10:40 PM	QG110	Jakarta (HLP)	Citilink	A320 (PK-GLO)	Landed 10:12 PM
92	11:00 PM	QG770	Jakarta (CGK)	Citilink	A320 (PK-GLE)	Landed 10:44 PM

KEBERANGKATAN						
NO	JAM	FLIGHT	TO	AIRLINE	AIRCRAFT	STATUS
1	5:00 AM	QG771	Jakarta (CGK)	Citilink	A320 (PK-GQS)	Departed 5:37 AM
2	5:00 AM	SJ219	Jakarta (CGK)	Sriwijaya Air	738	Unknown
3	5:30 AM	IN239	Pontianak (PNK)	KalStar Aviation	AT76 (PK-KSA)	Departed 5:29 AM
4	5:55 AM	GA201	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMX)	Departed 5:54 AM
5	6:00 AM	ID7542	Jakarta (HLP)	Batik Air	A320 (PK-LUU)	Departed 6:00 AM
6	6:00 AM	IW1814	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Departed 6:04 AM
7	6:00 AM	QG111	Jakarta (HLP)	Citilink	A320 (PK-GQQ)	Departed 6:09 AM
8	6:10 AM	IN274	Denpasar (DPS)	Nam Air	735	Unknown
9	6:20 AM	GA257	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMZ)	Departed 6:20 AM
10	6:45 AM	JT276	Pekanbaru (PKU)	Lion Air (Dreamliner)	B739 (PK-LFG)	Departed 7:00 AM
11	6:55 AM	JT670	Balikpapan (BPN)	Lion Air	B739 (PK-LFY)	Departed 6:49 AM
12	7:25 AM	GA203	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Departed 7:36 AM
13	7:25 AM	JT560	Denpasar (DPS)	Lion Air	B739 (PK-LGP)	Departed 7:40 AM
14	7:25 AM	QZ658	Singapore (SIN)	AirAsia	A320 (PK-AZJ)	Departed 7:58 AM
15	7:40 AM	ID7530	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Departed 8:41 AM
16	8:15 AM	QZ8441	Denpasar (DPS)	AirAsia	A320 (PK-AZM)	Departed 9:35 AM
17	8:25 AM	GA250	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNL)	Departed 9:31 AM
18	8:35 AM	QG784	Balikpapan (BPN)	Citilink Garuda Indonesia	A320 (PK-GQT)	Departed 9:18 AM
19	8:55 AM	JT565	Jakarta (CGK)	Lion Air	B739 (PK-LGO)	Departed 9:39 AM
20	9:00 AM	IW1844	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Departed 9:59 AM
21	9:20 AM	XN780	Palembang (PLM)	Express Air	B733 (PK-TZE)	Departed 11:03 AM
22	9:30 AM	QG101	Jakarta (HLP)	Citilink	A320 (PK-GQR)	Departed 9:55 AM
23	10:05 AM	GA205	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GND)	Departed 10:34 AM
24	10:15 AM	MI151	Singapore (SIN)	SilkAir	B738 (9V-MGA)	Departed 11:24 AM
25	10:25 AM	QG783	Pekanbaru (PKU)	Citilink	A320 (PK-GLG)	Departed 10:39 AM
26	10:35 AM	IN80	Palembang (PLM)	NAM Air	B735 (PK-NAT)	Departed 10:52 AM
27	10:45 AM	XN830	Pontianak (PNK)	Express Air	733	Unknown
28	10:55 AM	SJ245	Jakarta (CGK)	Sriwijaya Air	B739 (PK-CMP)	Departed 11:39 AM
29	11:00 AM	GA2074	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNF)	Departed 11:31 AM
30	11:05 AM	ID7532	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Departed 12:23 PM

31	11:10 AM	ID6690	Samarinda (AAP)	Batik Air	32A	Unknown
32	11:20 AM	JT522	Banjarmasin (BDJ)	Lion Air	B739 (PK-LGP)	Departed 11:52 AM
33	11:35 AM	QZ7553	Jakarta (CGK)	AirAsia	A320 (PK-AZD)	Departed 11:42 AM
34	11:45 AM	AK347	Kuala Lumpur (KUL)	AirAsia	A320 (9M-AJK)	Departed 11:57 AM
35	12:10 PM	GA207	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFZ)	Departed 12:18 PM
36	12:20 PM	IW1407	Majalengka (KJT)	Wings Air	AT7	Unknown
37	12:20 PM	JT277	Batam (BTH)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Departed 12:42 PM
38	12:20 PM	IW1811	Bandung (BDO)	Wings Air	AT76 (PK-WHH)	Departed 12:54 PM
39	12:30 PM	JT868	Samarinda (AAP)	Lion Air	B738 (PK-LOM)	Departed 1:24 PM
40	1:00 PM	QZ7557	Jakarta (CGK)	AirAsia	A320 (PK-AZJ)	Departed 1:15 PM
41	1:25 PM	GA469	Balikpapan (BPN)	Garuda Indonesia	CRJX (PK-GRJ)	Departed 1:42 PM
42	1:45 PM	ID7536	Jakarta (HLP)	Batik Air	A320 (PK-LZK)	Departed 2:08 PM
43	2:00 PM	IN550	Pangkal Pinang (PGK)	NAM Air	B735 (PK-NAP)	Unknown
44	2:10 PM	GA209	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Departed 2:13 PM
45	2:40 PM	QG775	Jakarta (CGK)	Citilink	A320 (PK-GQE)	Departed 3:21 PM
46	2:45 PM	SJ2300	Balikpapan (BPN)	Sriwijaya Air	738	Unknown
47	3:00 PM	IW1846	Surabaya (SUB)	Wings Air	AT75 (PK-WFW)	Departed 3:27 PM
48	3:00 PM	SJ230	Balikpapan (BPN)	Sriwijaya Air	B739 (PK-CMP)	Departed 4:15 PM
49	3:05 PM	GA211	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMW)	Departed 3:14 PM
50	3:40 PM	QG105	Jakarta (HLP)	Citilink	A320 (PK-GQC)	Departed 4:11 PM
51	3:40 PM	QZ8449	Denpasar (DPS)	AirAsia	A320 (PK-AZG)	Departed 4:02 PM
52	3:45 PM	JT640	Makassar (UPG)	Lion Air	B739 (PK-LFS)	Departed 5:00 PM
53	3:55 PM	QG781	Medan (KNO)	Citilink	A320 (PK-GLK)	Departed 4:26 PM
54	4:00 PM	ID7540	Jakarta (HLP)	Batik Air	B738 (PK-LDG)	Departed 3:57 PM
55	4:05 PM	IW1812	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Departed 4:21 PM
56	4:10 PM	QG779	Makassar (UPG)	Citilink	A320 (PK-GQO)	Departed 4:18 PM
57	4:15 PM	QZ8075	Medan (KNO)	AirAsia	A320 (PK-AXT)	Departed 4:52 PM
58	4:20 PM	GA213	Jakarta (CGK)	Garuda Indonesia (Retro 1969 Livery)	B738 (PK-GFN)	Departed 4:44 PM

59	4:20 PM	GA252	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMR)	Departed 4:29 PM
60	4:30 PM	QZ7551	Jakarta (CGK)	AirAsia	A320 (PK-AZJ)	Departed 4:36 PM
61	4:40 PM	QG1525	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Departed 4:55 PM
62	5:35 PM	AK349	Kuala Lumpur (KUL)	AirAsia	A20N (9M-RAJ)	Departed 5:48 PM
63	5:35 PM	IN237	Pontianak (PNK)	NAM Air	B735 (PK-NAT)	Departed 5:44 PM
64	5:40 PM	JT274	Lombok (LOP)	Lion Air (Dreamliner)	B739 (PK-LFG)	Departed 6:00 PM
65	5:45 PM	ID6375	Jakarta (CGK)	Batik Air	A320 (PK-LZK)	Departed 6:21 PM
66	6:10 PM	IW1817	Surabaya (SUB)	Wings Air	AT75 (PK-WFW)	Departed 6:36 PM
67	6:20 PM	GA215	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNK)	Departed 7:07 PM
68	6:25 PM	XN832	Pontianak (PNK)	Express Air	733	Unknown
69	6:35 PM	JT271	Padang (PDG)	Lion Air	B739 (PK-LFK)	Departed 7:01 PM
70	6:45 PM	QG1627	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Departed 6:45 PM
71	6:50 PM	ID7538	Jakarta (HLP)	Batik Air	A320 (PK-LAT)	Departed 7:16 PM
72	6:50 PM	SJ336	Bandar Lampung (TKG)	Sriwijaya Air	B738 (PK-CMH)	Departed 9:55 PM
73	7:00 PM	GA2154	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFX)	Departed 7:30 PM
74	7:45 PM	IW1907	Bandung (BDO)	Wings Air	AT75 (PK-WFV)	Departed 7:53 PM
75	7:55 PM	JT664	Balikpapan (BPN)	Lion Air	B739 (PK-LFZ)	Departed 8:44 PM
76	7:55 PM	QG107	Jakarta (HLP)	Citilink	A320 (PK-GQR)	Departed 8:32 PM
77	8:00 PM	JT545	Jakarta (CGK)	Lion Air	B739 (PK-LHQ)	Departed 8:05 PM
78	8:10 PM	GA677	Makassar (UPG)	Garuda Indonesia	B738 (PK-GNQ)	Departed 8:13 PM
79	8:20 PM	ID6367	Jakarta (CGK)	Batik Air	B738 (PK-LDG)	Departed 8:23 PM
80	8:25 PM	GA217	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMZ)	Departed 8:52 PM
81	8:45 PM	GA254	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GMR)	Departed 9:08 PM
82	8:50 PM	JT568	Denpasar (DPS)	Lion Air	B739 (PK-LPF)	Departed 9:45 PM
83	8:50 PM	JT677	Denpasar (DPS)	Lion Air	739	Unknown
84	9:05 PM	IW1842	Surabaya (SUB)	Wings Air	AT7	Canceled
85	9:40 PM	JT566	Palembang (PLM)	Lion Air	B739 (PK-LHS)	Departed 10:09 PM
86	9:40 PM	QG109	Jakarta (HLP)	Citilink	A320 (PK-GLN)	Departed 9:49 PM
87	9:50 PM	IN277	Jakarta (CGK)	Nam Air	735	Unknown
88	9:50 PM	IN279	Jakarta (CGK)	Nam Air	735	Unknown
89	9:55 PM	SJ712	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMT)	Departed 10:17 PM
90	10:50 PM	QZ7555	Jakarta (CGK)	AirAsia (TAGG Livery)	A320 (PK-AZA)	Departed 10:56 PM

LAMPIRAN 7

JADWAL OPERASIONAL PESAWAT 28 SEPTEMBER 2019

KEDATANGAN						
NO	JAM	FLIGHT	FROM	AIRLINE	AIRCRAFT	STATUS
1	6:00 AM	JT273	Lombok (LOP)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Landed 6:16 AM
2	6:00 AM	JT544	Jakarta (CGK)	Lion Air	B739 (PK-LFS)	Landed 5:50 AM
3	6:40 AM	GA202	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNS)	Landed 6:27 AM
4	6:45 AM	JT521	Banjarmasin (BDJ)	Lion Air	B739 (PK-LGP)	Landed 6:36 AM
5	6:50 AM	ID6360	Jakarta (CGK)	Batik Air	B738 (PK-LBK)	Landed 6:51 AM
6	6:55 AM	QZ7556	Jakarta (CGK)	AirAsia	A320 (PK-AZL)	Landed 7:17 AM
7	7:40 AM	GA251	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNL)	Landed 7:13 AM
8	7:50 AM	QZ8440	Denpasar (DPS)	AirAsia	A320 (PK-AZM)	Landed 7:29 AM
9	7:55 AM	QG785	Balikpapan (BPN)	Citilink Garuda Indonesia	A320 (PK-GQT)	Landed 7:45 AM
10	8:15 AM	JT667	Balikpapan (BPN)	Lion Air	B739 (PK-LKO)	Landed 8:07 AM
11	8:15 AM	JT1859	Balikpapan (BPN)	Lion Air	739	Unknown
12	8:40 AM	IW1843	Surabaya (SUB)	Wings Air	AT76 (PK-WHP)	Landed 8:39 AM
13	8:40 AM	QG100	Jakarta (HLP)	Citilink	A320 (PK-GQK)	Landed 8:29 AM
14	8:40 AM	XN831	Pontianak (PNK)	Express Air	733	Canceled
15	9:20 AM	GA204	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNO)	Landed 9:04 AM
16	9:30 AM	MI152	Singapore (SIN)	SilkAir	B738 (9V-MGN)	Landed 9:20 AM
17	9:40 AM	XN779	Palembang (PLM)	Express Air	B733 (PK-TZE)	Landed 9:46 AM
18	9:55 AM	IN236	Pontianak (PNK)	NAM Air	B735 (PK-NAP)	Landed 12:05 PM
19	9:55 AM	QG782	Pekanbaru (PKU)	Citilink	A320 (PK-GLI)	Landed 9:42 AM
20	9:55 AM	SJ231	Balikpapan (BPN)	Sriwijaya Air	B739 (PK-CMP)	Landed 9:33 AM
21	10:15 AM	GA2064	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNC)	Landed 10:18 AM
22	10:20 AM	ID7531	Jakarta (HLP)	Batik Air	B738 (PK-LBK)	Landed 10:31 AM
23	10:30 AM	ID6691	Samarinda (AAP)	Batik Air	32A	Unknown
24	10:40 AM	JT569	Denpasar (DPS)	Lion Air	B739 (PK-LGP)	Landed 10:42 AM
25	11:10 AM	QZ7552	Jakarta (CGK)	AirAsia	A320 (PK-AZD)	Landed 10:58 AM
26	11:20 AM	AK346	Kuala Lumpur (KUL)	AirAsia	A20N (9M-AGI)	Landed 10:54 AM
27	11:25 AM	GA206	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Landed 11:33 AM
28	11:40 AM	JT124	Pekanbaru (PKU)	Lion Air	739	Unknown
29	11:40 AM	JT279	Pekanbaru (PKU)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Landed 11:38 AM
30	11:45 AM	JT869	Samarinda (AAP)	Lion Air	B738 (PK-LOJ)	Landed 11:56 AM

31	11:55 AM	IW1811	Surabaya (SUB)	Wings Air	AT76 (PK-WHP)	Landed 12:00 PM
32	12:35 PM	QZ659	Singapore (SIN)	AirAsia	A320 (PK-AZL)	Landed 12:35 PM
33	12:55 PM	IN551	Pangkal Pinang (PGK)	NAM Air	B735 (PK-NAP)	Landed 5:42 PM
34	1:10 PM	ID7368	Jakarta (CGK)	Batik Air	A320 (PK-LUP)	Landed 1:04 PM
35	1:25 PM	GA208	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNK)	Landed 1:08 PM
36	1:55 PM	QG774	Jakarta (CGK)	Citilink	A320 (PK-GQM)	Landed 1:53 PM
37	2:00 PM	SJ244	Jakarta (CGK)	Sriwijaya Air	B739 (PK-CMP)	Landed 1:57 PM
38	2:05 PM	SJ2300	Jakarta (CGK)	Sriwijaya Air	738	Unknown
39	2:20 PM	GA210	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNI)	Landed 2:04 PM
40	2:20 PM	ID7533	Jakarta (HLP)	Batik Air	B738 (PK-LBK)	Landed 2:43 PM
41	2:40 PM	IW1845	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Landed 2:27 PM
42	2:55 PM	QG780	Medan (KNO)	Citilink	A320 (PK-GLK)	Landed 2:37 PM
43	3:00 PM	JT641	Makassar (UPG)	Lion Air	B739 (PK-LHP)	Landed 4:58 PM
44	3:05 PM	QG778	Makassar (UPG)	Citilink	A20N (PK-GTA)	Landed 2:47 PM
45	3:05 PM	IW1812	Bandung (BDO)	Wings Air	AT76 (PK-WHP)	Landed 3:27 PM
46	3:10 PM	QG104	Jakarta (HLP)	Citilink	A320 (PK-GQO)	Landed 2:51 PM
47	3:15 PM	QZ8448	Denpasar (DPS)	AirAsia	A320 (PK-AZM)	Landed 3:15 PM
48	3:30 PM	GA253	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNS)	Landed 3:19 PM
49	3:35 PM	GA212	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFO)	Landed 3:30 PM
50	3:40 PM	XN760	Samarinda (AAP)	Express Air	B733 (PK-TZE)	Landed 3:11 PM
51	3:50 PM	QZ8074	Medan (KNO)	AirAsia	A320 (PK-AZH)	Unknown
52	3:55 PM	QZ7550	Jakarta (CGK)	AirAsia	A320 (PK-AZJ)	Landed 3:36 PM
53	4:05 PM	QG1524	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Landed 3:43 PM
54	4:50 PM	IN81	Palembang (PLM)	NAM Air	B735 (PK-NAP)	Landed 10:43 PM
55	4:55 PM	IN276	Jakarta (CGK)	Nam Air	735	Unknown
56	5:00 PM	ID7537	Jakarta (HLP)	Batik Air	A320 (PK-LUP)	Landed 5:26 PM
57	5:00 PM	IN278	Jakarta (CGK)	Nam Air	735	Unknown
58	5:00 PM	JT278	Batam (BTH)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Landed 5:34 PM
59	5:00 PM	JT664	Batam (BTH)	Lion Air	739	Unknown
60	5:10 PM	AK348	Kuala Lumpur (KUL)	AirAsia	A20N (9M-AGH)	Landed 4:53 PM

61	5:35 PM	GA214	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Landed 5:30 PM
62	5:45 PM	IW1816	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Landed 5:37 PM
63	5:55 PM	JT270	Padang (PDG)	Lion Air	B739 (PK-LJF)	Landed 6:20 PM
64	5:55 PM	QG1626	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Landed 6:02 PM
65	6:05 PM	SJ337	Bandar Lampung (TKG)	Sriwijaya Air	738	Unknown
66	6:10 PM	ID7539	Jakarta (HLP)	Batik Air	A320 (PK-LUI)	Landed 5:57 PM
67	7:15 PM	JT564	Jakarta (CGK)	Lion Air (60th 737-900ER Livery)	B739 (PK-LJO)	Landed 8:53 PM
68	7:20 PM	GA676	Makassar (UPG)	Garuda Indonesia	B738 (PK-GMD)	Landed 6:54 PM
69	7:25 PM	JT677	Balikpapan (BPN)	Lion Air	B739 (PK-LFW)	Landed 7:22 PM
70	7:25 PM	QG106	Jakarta (HLP)	Citilink	A320 (PK-GQK)	Landed 7:03 PM
71	7:25 PM	IW1906	Bandung (BDO)	Wings Air	AT76 (PK-WGQ)	Landed 6:32 PM
72	7:30 PM	ID7541	Jakarta (HLP)	Batik Air	B738 (PK-LBK)	Landed 6:43 PM
73	7:40 PM	GA216	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFY)	Landed 7:30 PM
74	8:10 PM	JT568	Jakarta (CGK)	Lion Air	B739 (PK-LJH)	Landed 9:03 PM
75	8:25 PM	SJ234	Jakarta (CGK)	Sriwijaya Air	738	Unknown
76	8:30 PM	ID7543	Jakarta (HLP)	Batik Air	A320 (PK-LAH)	Landed 8:37 PM
77	8:35 PM	IN275	Denpasar (DPS)	Nam Air	735	Unknown
78	8:40 PM	IW1813	Surabaya (SUB)	Wings Air	AT75 (PK-WFR)	Landed 8:23 PM
79	9:00 PM	JT567	Palembang (PLM)	Lion Air	B739 (PK-LHS)	Landed 8:51 PM
80	9:00 PM	QG108	Jakarta (HLP)	Citilink	A320 (PK-GQC)	Landed 8:14 PM
81	9:10 PM	SJ713	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMT)	Landed 9:58 PM
82	9:30 PM	GA258	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Landed 9:10 PM
83	9:55 PM	IN238	Pontianak (PNK)	Nam Air	735	Unknown
84	10:00 PM	IW1847	Surabaya (SUB)	Wings Air	AT7	Unknown
85	10:05 PM	SJ218	Jakarta (CGK)	Sriwijaya Air	738	Unknown
86	10:10 PM	GA256	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNH)	Landed 9:47 PM
87	10:20 PM	QZ7554	Jakarta (CGK)	AirAsia	A320 (PK-AZL)	Landed 9:52 PM
88	10:40 PM	QG110	Jakarta (HLP)	Citilink	320	Unknown
89	11:00 PM	QG770	Jakarta (CGK)	Citilink	A320 (PK-GQE)	Landed 10:51 PM

KEDATANGAN						
NO	JAM	FLIGHT	TO	AIRLINE	AIRCRAFT	STATUS
1	5:00 AM	QG771	Jakarta (CGK)	Citilink	A320 (PK-GLE)	Departed 5:07 AM
2	5:00 AM	SJ219	Jakarta (CGK)	Sriwijaya Air	738	Unknown
3	5:30 AM	IN239	Pontianak (PNK)	Nam Air	735	Unknown
4	5:55 AM	GA201	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFY)	Departed 5:54 AM
5	6:00 AM	ID7542	Jakarta (HLP)	Batik Air	A320 (PK-LAJ)	Departed 6:31 AM
6	6:00 AM	IW1814	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Departed 5:58 AM
7	6:00 AM	QG111	Jakarta (HLP)	Citilink	A320 (PK-GLO)	Departed 6:07 AM
8	6:10 AM	IN274	Denpasar (DPS)	NAM Air	B735 (PK-NAT)	Departed 6:10 AM
9	6:20 AM	GA257	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFZ)	Departed 6:20 AM
10	6:45 AM	JT276	Pekanbaru (PKU)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Departed 7:03 AM
11	6:55 AM	JT670	Balikpapan (BPN)	Lion Air	B739 (PK-LFS)	Departed 6:54 AM
12	7:25 AM	GA203	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNS)	Departed 7:32 AM
13	7:25 AM	JT560	Denpasar (DPS)	Lion Air	B739 (PK-LGP)	Departed 7:23 AM
14	7:25 AM	QZ658	Singapore (SIN)	AirAsia	A320 (PK-AZL)	Departed 7:59 AM
15	7:40 AM	ID7530	Jakarta (HLP)	Batik Air	B738 (PK-LBK)	Departed 7:42 AM
16	8:15 AM	QZ8441	Denpasar (DPS)	AirAsia	A320 (PK-AZM)	Departed 8:10 AM
17	8:25 AM	GA250	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNL)	Departed 8:26 AM
18	8:35 AM	QG784	Balikpapan (BPN)	Citilink Garuda Indonesia	A320 (PK-GQT)	Departed 8:34 AM
19	8:55 AM	JT565	Jakarta (CGK)	Lion Air	B739 (PK-LKO)	Departed 9:00 AM
20	9:00 AM	IW1844	Surabaya (SUB)	Wings Air	AT76 (PK-WHP)	Departed 9:08 AM
21	9:20 AM	XN780	Palembang (PLM)	Express Air	733	Unknown
22	9:30 AM	QG101	Jakarta (HLP)	Citilink	A320 (PK-GQK)	Departed 9:28 AM
23	10:05 AM	GA205	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNO)	Departed 10:14 AM
24	10:15 AM	MI151	Singapore (SIN)	SilkAir	B738 (9V-MGN)	Departed 10:22 AM
25	10:25 AM	QG783	Pekanbaru (PKU)	Citilink	A320 (PK-GLI)	Departed 10:27 AM
26	10:35 AM	IN80	Palembang (PLM)	NAM Air	B735 (PK-NAP)	Departed 12:58 PM
27	10:45 AM	XN761	Samarinda (AAP)	Express Air	B733 (PK-TZE)	Departed 10:34 AM
28	10:55 AM	SJ245	Jakarta (CGK)	Sriwijaya Air	B739 (PK-CMP)	Departed 10:45 AM
29	11:00 AM	GA2074	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNC)	Departed 11:18 AM
30	11:05 AM	ID7532	Jakarta (HLP)	Batik Air	B738 (PK-LBK)	Departed 11:25 AM

31	11:10 AM	ID6690	Samarinda (AAP)	Batik Air	32A	Unknown
32	11:20 AM	JT522	Banjarmasin (BDJ)	Lion Air	B739 (PK-LGP)	Departed 11:42 AM
33	11:35 AM	QZ7553	Jakarta (CGK)	AirAsia	A320 (PK-AZD)	Departed 11:51 AM
34	11:45 AM	AK347	Kuala Lumpur (KUL)	AirAsia	A20N (9M-AGI)	Departed 11:47 AM
35	12:10 PM	GA207	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFQ)	Departed 12:47 PM
36	12:20 PM	JT277	Batam (BTH)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Departed 12:39 PM
37	12:20 PM	IW1811	Bandung (BDO)	Wings Air	AT76 (PK-WHP)	Departed 12:50 PM
38	12:30 PM	JT868	Samarinda (AAP)	Lion Air	B738 (PK-LOJ)	Departed 12:53 PM
39	1:00 PM	QZ7557	Jakarta (CGK)	AirAsia	A320 (PK-AZL)	Departed 1:14 PM
40	1:45 PM	ID7536	Jakarta (HLP)	Batik Air	A320 (PK-LUP)	Departed 2:00 PM
41	2:00 PM	IN550	Pangkal Pinang (PGK)	NAM Air	B735 (PK-NAP)	Departed
42	2:10 PM	GA209	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNK)	Departed 2:17 PM
43	2:40 PM	QG775	Jakarta (CGK)	Citilink	A320 (PK-GQM)	Departed 2:54 PM
44	2:45 PM	SJ2300	Balikpapan (BPN)	Sriwijaya Air	738	Unknown
45	3:00 PM	IW1846	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Departed 3:01 PM
46	3:00 PM	SJ230	Balikpapan (BPN)	Sriwijaya Air	B739 (PK-CMP)	Departed 3:04 PM
47	3:05 PM	GA211	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GNI)	Departed 3:22 PM
48	3:40 PM	QG105	Jakarta (HLP)	Citilink	A320 (PK-GQO)	Departed 3:50 PM
49	3:40 PM	QZ8449	Denpasar (DPS)	AirAsia	A320 (PK-AZM)	Departed 3:58 PM
50	3:45 PM	JT640	Makassar (UPG)	Lion Air	B739 (PK-LHP)	Departed 6:05 PM
51	3:55 PM	QG781	Medan (KNO)	Citilink	A320 (PK-GLK)	Departed 4:03 PM
52	4:00 PM	ID7540	Jakarta (HLP)	Batik Air	B738 (PK-LBK)	Departed 3:54 PM
53	4:05 PM	IW1812	Surabaya (SUB)	Wings Air	AT76 (PK-WHP)	Departed 4:06 PM
54	4:10 PM	QG779	Makassar (UPG)	Citilink	A20N (PK-GTA)	Departed 4:16 PM
55	4:15 PM	QZ8075	Medan (KNO)	AirAsia	A320 (PK-AZJ)	Departed 4:41 PM
56	4:20 PM	GA213	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFO)	Departed 4:37 PM
57	4:20 PM	GA252	Denpasar (DPS)	Garuda Indonesia	B738 (PK-GNS)	Departed 4:29 PM
58	4:30 PM	QZ7551	Jakarta (CGK)	AirAsia	A320 (PK-AZH)	Departed 4:44 PM
59	4:30 PM	XN830	Pontianak (PNK)	Express Air	B733 (PK-TZE)	Departed 4:33 PM
60	4:40 PM	QG1525	Surabaya (SUB)	Citilink	AT76 (PK-GJP)	Departed 4:47 PM

61	5:35 PM	AK349	Kuala Lumpur (KUL)	AirAsia	A20N (9M-AGH)	Departed 5:46 PM
62	5:35 PM	IN237	Pontianak (PNK)	Nam Air	735	Unknown
63	5:40 PM	JT274	Lombok (LOP)	Lion Air (Dreamliner Livery)	B739 (PK-LFG)	Departed 6:36 PM
64	5:45 PM	ID6375	Jakarta (CGK)	Batik Air	A320 (PK-LUP)	Departed 6:15 PM
65	6:10 PM	IW1817	Surabaya (SUB)	Wings Air	AT76 (PK-WHH)	Departed 6:11 PM
66	6:20 PM	GA215	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GMQ)	Departed 6:27 PM
67	6:35 PM	JT271	Padang (PDG)	Lion Air	B739 (PK-LJF)	Departed 7:14 PM
68	6:45 PM	QG1627	Bandung (BDO)	Citilink	AT76 (PK-GJA)	Departed 6:46 PM
69	6:50 PM	ID7538	Jakarta (HLP)	Batik Air	A320 (PK-LUI)	Departed 6:58 PM
70	6:50 PM	SJ336	Bandar Lampung (TKG)	Sriwijaya Air	738	Unknown
71	7:45 PM	IW1907	Bandung (BDO)	Wings Air	AT76 (PK-WGQ)	Departed 7:40 PM
72	7:55 PM	JT664	Balikpapan (BPN)	Lion Air (60th 737-900ER Livery)	B739 (PK-LJO)	Departed 9:38 PM
73	7:55 PM	QG107	Jakarta (HLP)	Citilink	A320 (PK-GQK)	Departed 7:57 PM
74	8:00 PM	JT545	Jakarta (CGK)	Lion Air	B739 (PK-LFW)	Departed 8:27 PM
75	8:10 PM	GA677	Makassar (UPG)	Garuda Indonesia	B738 (PK-GMD)	Departed 8:18 PM
76	8:20 PM	ID6367	Jakarta (CGK)	Batik Air	B738 (PK-LBK)	Departed 8:31 PM
77	8:25 PM	GA217	Jakarta (CGK)	Garuda Indonesia	B738 (PK-GFY)	Departed 8:41 PM
78	8:50 PM	JT568	Denpasar (DPS)	Lion Air	B739 (PK-LJH)	Departed 9:41 PM
79	8:50 PM	JT677	Denpasar (DPS)	Lion Air	739	Unknown
80	9:05 PM	IW1842	Surabaya (SUB)	Wings Air	AT7	Unknown
81	9:10 PM	SJ235	Jakarta (CGK)	Sriwijaya Air	738	Unknown
82	9:40 PM	JT566	Palembang (PLM)	Lion Air	B739 (PK-LHS)	Departed 9:32 PM
83	9:40 PM	QG109	Jakarta (HLP)	Citilink	320	Unknown
84	9:50 PM	IN277	Jakarta (CGK)	Nam Air	735	Unknown
85	9:50 PM	IN279	Jakarta (CGK)	Nam Air	735	Unknown
86	9:55 PM	SJ712	Makassar (UPG)	Sriwijaya Air	B738 (PK-CMT)	Departed 10:55 PM
87	10:50 PM	QZ7555	Jakarta (CGK)	AirAsia	A320 (PK-AZL)	Departed 10:47 PM

Lampiran 8
Perhitungan Kapasitas Metode Analitis 22 September 2019

Aturan Separasi, Waktu Antar Kedatangan, dan *Approach Path* :

$$\delta = 10 \text{ nmi}$$

$$t_d = 120 \text{ detik}$$

$$\gamma = 14 \text{ nmi}$$

1. Waktu Antar Kedatangan yang diharapkan :

Keadaan merapat ($V_i \leq V_j$)

$V_i = 138 \text{ kts}$, $V_j = 152 \text{ kts}$, dan separasi antar pesawat (δ) 10 nmi. Dapat dihitung menggunakan persamaan 3.8 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v}$$

$$T_{cd} = \frac{10}{138} \times 3600 = 260,9 \text{ detik}$$

$$T_{cc} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

$$T_{dd} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

Keadaan merenggang ($V_i > V_j$)

$V_i = 152 \text{ kts}$, $V_j = 138 \text{ kts}$, separasi antar pesawat (δ) 10 nmi, dan *final approach path* (γ) 14 nmi. Dapat dihitung menggunakan persamaan 3.9 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v_j} + \gamma \left(\frac{1}{v_j} - \frac{1}{v_i} \right)$$

$$T_{dc} = \left(\frac{10}{138} \times 3600 \right) + 14 \times \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 294,5 \text{ detik}$$

Matriks Separasi Waktu

Tipe Pesawat *Leading*

Tipe Pesawat <i>Trailing</i>		C	D
	C	260.9 detik	294.5 detik
	D	236.8 detik	236.8 detik

Probabilitas Antrian Kedatangan

Tipe Pesawat *Leading*

Tipe Pesawat <i>Trailing</i>		C	D
	C	0.28	0.236
	D	0.225	0.258

Dari kedua matriks tersebut kemudian dihitung waktu antar kedatangan pesawat terbang dengan menggunakan persamaan 3.6 dan didapatkan hasil sebagai berikut ini.

$$E(\Delta T_{ij}) = \sum [p_{ij}] [M_{ij}]$$

$$E(\Delta T_{ij}) = [\{260.9 \times 0.28\} + \{294.5 \times 0.236\} + \{236.8 \times 0.225\} + \{236.8 \times 0.258\}]$$

$$= 260.3 \text{ detik}$$

2. Perhitungan Kesalahan Posisi :

Keadaan Merapat ($V_i \leq V_j$)

$$B_{ij} = \sigma_0 q_v$$

$$B_{ij} = 30(1,65) = 49.5 \text{ detik}$$

Keadaan Merenggang ($V_i > V_j$)

$$B_{ij} = \sigma_0 q_v - \delta \left(\frac{v}{v_j} - \frac{v}{v_i} \right)$$

$$B_{ij} = 30(1,65) - 10 \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 25.5 \text{ detik}$$

3. Perhitungan *Runway Occupancy Time*

$$R_i = \frac{V_{ot} - V_{vtd}}{2a_1} + 3 + \frac{V_{td} - V_e}{2a_2} + t$$

$$R_{iC} = \frac{227.85 - 202}{2 \times 2} + 3 + \frac{202 - 88}{2 \times 2} + 10$$

$R_{iC} = 48$ detik untuk kedatangan sedangkan 96 detik untuk keberangkatan. Hal ini karena diasumsikan saat keberangkatan pesawat harus memutar terlebih dahulu di ujung barat *runway* 09.

$$RiD = \frac{253.17-237}{2 \times 2} + 3 + \frac{237-88}{2 \times 2} + 10$$

$RiD = 54$ detik untuk kedatangan sedangkan 109 detik untuk keberangkatan.

Probabilitas Kedatangan Pesawat berdasar *Approach Speed* dan *Runway Occupancy Time*

Tipe Pesawat	Probabilitas	ROT
C	0.52	48 detik
D	0.48	54 detik

Didapatkan hasil perhitungan sebagai berikut.

$$E(Ri) = [\{P_c \times Ric\} + \{P_d \times Rid\}]$$

$$E(Ri) = [\{0.52 \times 48\} + \{0.48 \times 54\}] = 51 \text{ detik}$$

4. Kisaran Waktu Yang Dibutuhkan Antar Kedatangan Pesawat Sejauh 10 nmi

Probabilitas kedatangan menurut *Approach Speed*

Tipe Pesawat	Probabilitas	V (knot)
C	0.51	138
D	0.49	152

$$E\left(\frac{\delta d}{V_j}\right) = [P_c \times \left(\frac{\delta}{V_i}\right) + P_d \times \left(\frac{\delta}{V_j}\right)] \times 3600$$

$$E\left(\frac{\delta d}{V_j}\right) = [0.51 \times \left(\frac{10}{138}\right) + 0.49 \times \left(\frac{10}{152}\right)] \times 3600 = 115.8 \text{ detik}$$

5. Kapasitas Landasan Pacu Operasi Campuran

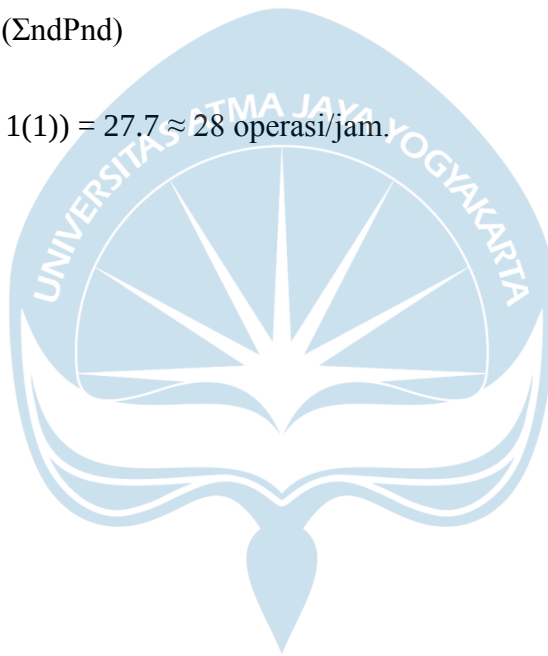
$$E(\Delta T_{ij}) \geq E[R_i] + E\left[\frac{\delta_d}{v_j}\right] + B_{ij} + (n_d - 1) E(t_d)$$

$$E(\Delta T_{ij}) \geq 49.5 + 51 + 115.8 + 120(1-1)$$

$$260.3 \text{ detik} \geq 216.4 \text{ detik}$$

$$C_m = \frac{1}{E(\Delta T_{ij})} \times 1 + (\Sigma n_d P_{nd})$$

$$C_m = \frac{3600}{260,3} \times (1 + 1(1)) = 27.7 \approx 28 \text{ operasi/jam.}$$



Lampiran 9
Perhitungan Kapasitas Metode Analitis 23 September 2019

Aturan Separasi, Waktu Antar Kedatangan, dan *Approach Path* :

$$\delta = 10 \text{ nmi}$$

$$t_d = 120 \text{ detik}$$

$$\gamma = 14 \text{ nmi}$$

1. Waktu Antar Kedatangan yang diharapkan :

Keadaan merapat ($V_i \leq V_j$)

$V_i = 138 \text{ kts}$, $V_j = 152 \text{ kts}$, dan separasi antar pesawat (δ) 10 nmi. Dapat dihitung menggunakan persamaan 3.8 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v}$$

$$T_{cd} = \frac{10}{138} \times 3600 = 260,9 \text{ detik}$$

$$T_{cc} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

$$T_{dd} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

Keadaan merenggang ($V_i > V_j$)

$V_i = 152 \text{ kts}$, $V_j = 138 \text{ kts}$, separasi antar pesawat (δ) 10 nmi, dan *final approach path* (γ) 14 nmi. Dapat dihitung menggunakan persamaan 3.9 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v_j} + \gamma \left(\frac{1}{v_j} - \frac{1}{v_i} \right)$$

$$T_{dc} = \left(\frac{10}{138} \times 3600 \right) + 14 \times \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 294,5 \text{ detik}$$

Matriks Separasi Waktu

		Tipe Pesawat <i>Leading</i>	
		C	D
Tipe Pesawat <i>Trailing</i>	C	260.9 detik	294.5 detik
	D	236.8 detik	236.8 detik

Probabilitas Antrian Kedatangan

		Tipe Pesawat <i>Leading</i>	
		C	D
Tipe Pesawat <i>Trailing</i>	C	0.311	0.233
	D	0.211	0.244

Dari kedua matriks tersebut kemudian dihitung waktu antar kedatangan pesawat terbang dengan menggunakan persamaan 3.6 dan didapatkan hasil sebagai berikut ini.

$$E(\Delta T_{ij}) = \sum [p_{ij}] [M_{ij}]$$

$$E(\Delta T_{ij}) = [\{260.9 \times 0.311\} + \{294.5 \times 0.233\} + \{236.8 \times 0.211\} + \{236.8 \times 0.244\}]$$

$$= 260.9 \text{ deti}$$

2. Perhitungan Kesalahan Posisi :

Keadaan Merapat ($V_i \leq V_j$)

$$B_{ij} = \sigma_0 q_v$$

$$B_{ij} = 30(1,65) = 49.5 \text{ detik}$$

Keadaan Merenggang ($V_i > V_j$)

$$B_{ij} = \sigma_0 q_v - \delta \left(\frac{v}{v_j} - \frac{v}{v_i} \right)$$

$$B_{ij} = 30(1,65) - 10 \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 25.5 \text{ detik}$$

3. Perhitungan *Runway Occupancy Time*

$$R_i = \frac{V_{ot} - V_{vtd}}{2a_1} + 3 + \frac{V_{td} - V_e}{2a_2} + t$$

$$R_{iC} = \frac{227.85 - 202}{2 \times 2} + 3 + \frac{202 - 88}{2 \times 2} + 10$$

$R_{iC} = 48$ detik untuk kedatangan sedangkan 96 detik untuk keberangkatan. Hal ini karena diasumsikan saat keberangkatan pesawat harus memutar terlebih dahulu di ujung barat *runway* 09.

$$R_{iD} = \frac{253.17 - 237}{2 \times 2} + 3 + \frac{237 - 88}{2 \times 2} + 10$$

$R_{iD} = 54$ detik untuk kedatangan sedangkan 109 detik untuk keberangkatan.

Probabilitas Kedatangan Pesawat nerdasar *Approach Speed* dan *Runway Occupancy*

Time

Tipe Pesawat	Probabilitas	ROT
C	0.52	48 detik
D	0.48	54 detik

Didapatkan haril perhitungan sebagai berikut.

$$E(R_i) = [\{P_c \times R_{ic}\} + \{P_d \times R_{id}\}]$$

$$E(R_i) = [\{0.52 \times 48\} + \{0.48 \times 54\}] = 51 \text{ detik}$$

4. Kisaran Waktu Yang Dibutuhkan Antar Kedatangan Pesawat Sejauh 10 nmi

Probabilitas kedatangan menurut *Approach Speed*

Tipe Pesawat	Probabilitas	V (knot)
C	0.53	138
D	0.47	152

$$E\left(\frac{\delta d}{V_j}\right) = [P_c \times \left(\frac{\delta}{V_i}\right) + P_d \times \left(\frac{\delta}{V_j}\right)] \times 3600$$

$$E\left(\frac{\delta d}{V_j}\right) = [0.53 \times \left(\frac{10}{138}\right) + 0.47 \times \left(\frac{10}{152}\right)] \times 3600 = 112 \text{ detik}$$

5. Kapasitas Landasan Pacu Operasi Campuran

$$E(\Delta T_{ij}) \geq E[R_i] + E\left[\frac{\delta d}{v_j}\right] + B_{ij} + (n_d - 1) E(t_d)$$

$$E(\Delta T_{ij}) \geq 49.5 + 51 + 112 + 120(1-1)$$

$$260.9 \text{ detik} \geq 212.5 \text{ detik}$$

$$C_m = \frac{1}{E(\Delta T_{ij})} \times 1 + (\Sigma n_d P_{nd})$$

$$C_m = \frac{3600}{260,9} \times (1 + 1(1)) = 27.6 \approx 28 \text{ operasi/jam.}$$



Lampiran 10
Perhitungan Kapasitas Metode Analitis 24 September 2019

Aturan Separasi, Waktu Antar Kedatangan, dan *Approach Path* :

$$\delta = 10 \text{ nmi}$$

$$t_d = 120 \text{ detik}$$

$$\gamma = 14 \text{ nmi}$$

1. Waktu Antar Kedatangan yang diharapkan :

Keadaan merapat ($V_i \leq V_j$)

$V_i = 138 \text{ kts}$, $V_j = 152 \text{ kts}$, dan separasi antar pesawat (δ) 10 nmi. Dapat dihitung menggunakan persamaan 3.8 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v}$$

$$T_{cd} = \frac{10}{138} \times 3600 = 260,9 \text{ detik}$$

$$T_{cc} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

$$T_{dd} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

Keadaan merenggang ($V_i > V_j$)

$V_i = 152 \text{ kts}$, $V_j = 138 \text{ kts}$, separasi antar pesawat (δ) 10 nmi, dan *final approach path* (γ) 14 nmi. Dapat dihitung menggunakan persamaan 3.9 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v_j} + \gamma \left(\frac{1}{v_j} - \frac{1}{v_i} \right)$$

$$T_{dc} = \left(\frac{10}{138} \times 3600 \right) + 14 \times \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 294,5 \text{ detik}$$

Matriks Separasi Waktu

		Tipe Pesawat <i>Leading</i>	
		C	D
Tipe Pesawat <i>Trailing</i>	C	260.9 detik	294.5 detik
	D	236.8 detik	236.8 detik

Probabilitas Antrian Kedatangan

		Tipe Pesawat <i>Leading</i>	
		C	D
Tipe Pesawat <i>Trailing</i>	C	0.302	0.233
	D	0.221	0.244

Dari kedua matriks tersebut kemudian dihitung waktu antar kedatangan pesawat terbang dengan menggunakan persamaan 3.6 dan didapatkan hasil sebagai berikut ini.

$$E(\Delta T_{ij}) = \sum [p_{ij}] [M_{ij}]$$

$$E(\Delta T_{ij}) = [\{260.9 \times 0.302\} + \{294.5 \times 0.233\} + \{236.8 \times 0.221\} + \{236.8 \times 0.244\}]$$

$$= 257.5 \text{ deti}$$

2. Perhitungan Kesalahan Posisi :

Keadaan Merapat ($V_i \leq V_j$)

$$B_{ij} = \sigma_0 q_v$$

$$B_{ij} = 30(1,65) = 49.5 \text{ detik}$$

Keadaan Merenggang ($V_i > V_j$)

$$B_{ij} = \sigma_0 q_v - \delta \left(\frac{v}{v_j} - \frac{v}{v_i} \right)$$

$$B_{ij} = 30(1,65) - 10 \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 25.5 \text{ detik}$$

3. Perhitungan *Runway Occupancy Time*

$$R_i = \frac{V_{ot} - V_{vtd}}{2a_1} + 3 + \frac{V_{td} - V_e}{2a_2} + t$$

$$R_{iC} = \frac{227.85 - 202}{2 \times 2} + 3 + \frac{202 - 88}{2 \times 2} + 10$$

$R_{iC} = 48$ detik untuk kedatangan sedangkan 96 detik untuk keberangkatan. Hal ini karena diasumsikan saat keberangkatan pesawat harus memutar terlebih dahulu di ujung barat *runway* 09.

$$R_{iD} = \frac{253.17 - 237}{2 \times 2} + 3 + \frac{237 - 88}{2 \times 2} + 10$$

$R_{iD} = 54$ detik untuk kedatangan sedangkan 109 detik untuk keberangkatan.

Probabilitas Kedatangan Pesawat nerdasar *Approach Speed* dan *Runway Occupancy*

Time

Tipe Pesawat	Probabilitas	ROT
C	0.52	48 detik
D	0.48	54 detik

Didapatkan haril perhitungan sebagai berikut.

$$E(R_i) = [\{P_c \times R_{ic}\} + \{P_d \times R_{id}\}]$$

$$E(R_i) = [\{0.52 \times 48\} + \{0.48 \times 54\}] = 51 \text{ detik}$$

4. Kisaran Waktu Yang Dibutuhkan Antar Kedatangan Pesawat Sejauh 10 nmi

Probabilitas kedatangan menurut *Approach Speed*

Tipe Pesawat	Probabilitas	V (knot)
C	0.53	138
D	0.47	152

$$E\left(\frac{\delta d}{V_j}\right) = [P_c \times \left(\frac{\delta}{V_i}\right) + P_d \times \left(\frac{\delta}{V_j}\right)] \times 3600$$

$$E\left(\frac{\delta d}{V_j}\right) = [0.53 \times \left(\frac{10}{138}\right) + 0.47 \times \left(\frac{10}{152}\right)] \times 3600 = 111.7 \text{ detik}$$

5. Kapasitas Landasan Pacu Operasi Campuran

$$E(\Delta T_{ij}) \geq E[R_i] + E\left[\frac{\delta d}{v_j}\right] + B_{ij} + (n_d - 1) E(t_d)$$

$$E(\Delta T_{ij}) \geq 49.5 + 51 + 111.7 + 120(1-1)$$

$$257.5 \text{ detik} \geq 211.2 \text{ detik}$$

$$C_m = \frac{1}{E(\Delta T_{ij})} \times 1 + (\Sigma n_d P_{nd})$$

$$C_m = \frac{3600}{257.5} \times (1 + 1(1)) = 28 \approx 28 \text{ operasi/jam.}$$



Lampiran 11
Perhitungan Kapasitas Metode Analitis 25 September 2019

Aturan Separasi, Waktu Antar Kedatangan, dan *Approach Path* :

$$\delta = 10 \text{ nmi}$$

$$t_d = 120 \text{ detik}$$

$$\gamma = 14 \text{ nmi}$$

1. Waktu Antar Kedatangan yang diharapkan :

Keadaan merapat ($V_i \leq V_j$)

$V_i = 138 \text{ kts}$, $V_j = 152 \text{ kts}$, dan separasi antar pesawat (δ) 10 nmi. Dapat dihitung menggunakan persamaan 3.8 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v}$$

$$T_{cd} = \frac{10}{138} \times 3600 = 260,9 \text{ detik}$$

$$T_{cc} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

$$T_{dd} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

Keadaan merenggang ($V_i > V_j$)

$V_i = 152 \text{ kts}$, $V_j = 138 \text{ kts}$, separasi antar pesawat (δ) 10 nmi, dan *final approach path* (γ) 14 nmi. Dapat dihitung menggunakan persamaan 3.9 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v_j} + \gamma \left(\frac{1}{v_j} - \frac{1}{v_i} \right)$$

$$T_{dc} = \left(\frac{10}{138} \times 3600 \right) + 14 \times \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 294,5 \text{ detik}$$

Matriks Separasi Waktu

		Tipe Pesawat <i>Leading</i>	
		C	D
Tipe Pesawat <i>Trailing</i>	C	260.9 detik	294.5 detik
	D	236.8 detik	236.8 detik

Probabilitas Antrian Kedatangan

		Tipe Pesawat <i>Leading</i>	
		C	D
Tipe Pesawat <i>Trailing</i>	C	0.3	0.233
	D	0.222	0.244

Dari kedua matriks tersebut kemudian dihitung waktu antar kedatangan pesawat terbang dengan menggunakan persamaan 3.6 dan didapatkan hasil sebagai berikut ini.

$$E(\Delta T_{ij}) = \sum [p_{ij}] [M_{ij}]$$

$$E(\Delta T_{ij}) = [\{260.9 \times 0.3\} + \{294.5 \times 0.233\} + \{236.8 \times 0.222\} + \{236.8 \times 0.244\}]$$

$$= 257.2 \text{ detik}$$

2. Perhitungan Kesalahan Posisi :

Keadaan Merapat ($V_i \leq V_j$)

$$B_{ij} = \sigma_0 q_v$$

$$B_{ij} = 30(1,65) = 49.5 \text{ detik}$$

Keadaan Merenggang ($V_i > V_j$)

$$B_{ij} = \sigma_0 q_v - \delta \left(\frac{V}{V_j} - \frac{V}{V_i} \right)$$

$$B_{ij} = 30(1,65) - 10 \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 25.5 \text{ detik}$$

3. Perhitungan *Runway Occupancy Time*

$$R_i = \frac{V_{ot} - V_{vtd}}{2a_1} + 3 + \frac{V_{td} - V_e}{2a_2} + t$$

$$R_{iC} = \frac{227.85 - 202}{2 \times 2} + 3 + \frac{202 - 88}{2 \times 2} + 10$$

$R_{iC} = 48$ detik untuk kedatangan sedangkan 96 detik untuk keberangkatan. Hal ini karena diasumsikan saat keberangkatan pesawat harus memutar terlebih dahulu di ujung barat *runway* 09.

$$R_{iD} = \frac{253.17 - 237}{2 \times 2} + 3 + \frac{237 - 88}{2 \times 2} + 10$$

$R_{iD} = 54$ detik untuk kedatangan sedangkan 109 detik untuk keberangkatan.

Probabilitas Kedatangan Pesawat nerdasar *Approach Speed* dan *Runway Occupancy*

Time

Tipe Pesawat	Probabilitas	ROT
C	0.52	48 detik
D	0.48	54 detik

Didapatkan haril perhitungan sebagai berikut.

$$E(R_i) = [\{P_c \times R_{ic}\} + \{P_d \times R_{id}\}]$$

$$E(R_i) = [\{0.52 \times 48\} + \{0.48 \times 54\}] = 51 \text{ detik}$$

4. Kisaran Waktu Yang Dibutuhkan Antar Kedatangan Pesawat Sejauh 10 nmi

Probabilitas kedatangan menurut *Approach Speed*

Tipe Pesawat	Probabilitas	V (knot)
C	0.53	138
D	0.47	152

$$E\left(\frac{\delta d}{V_j}\right) = [P_c \times \left(\frac{\delta}{V_i}\right) + P_d \times \left(\frac{\delta}{V_j}\right)] \times 3600$$

$$E\left(\frac{\delta d}{V_j}\right) = [0.53 \times \left(\frac{10}{138}\right) + 0.47 \times \left(\frac{10}{152}\right)] \times 3600 = 112 \text{ detik}$$

5. Kapasitas Landasan Pacu Operasi Campuran

$$E(\Delta T_{ij}) \geq E[R_i] + E\left[\frac{\delta d}{v_j}\right] + B_{ij} + (n_d - 1) E(t_d)$$

$$E(\Delta T_{ij}) \geq 49.5 + 51 + 112 + 120(1-1)$$

$$257.2 \text{ detik} \geq 211.2 \text{ detik}$$

$$C_m = \frac{1}{E(\Delta T_{ij})} \times 1 + (\Sigma n_d P_{nd})$$

$$C_m = \frac{3600}{257.2} \times (1 + 1(1)) = 28 \approx 28 \text{ operasi/jam.}$$



Lampiran 12
Perhitungan Kapasitas Metode Analitis 26 September 2019

Aturan Separasi, Waktu Antar Kedatangan, dan *Approach Path* :

$$\delta = 10 \text{ nmi}$$

$$t_d = 120 \text{ detik}$$

$$\gamma = 14 \text{ nmi}$$

1. Waktu Antar Kedatangan yang diharapkan :

Keadaan merapat ($V_i \leq V_j$)

$V_i = 138 \text{ kts}$, $V_j = 152 \text{ kts}$, dan separasi antar pesawat (δ) 10 nmi. Dapat dihitung menggunakan persamaan 3.8 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v}$$

$$T_{cd} = \frac{10}{138} \times 3600 = 260,9 \text{ detik}$$

$$T_{cc} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

$$T_{dd} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

Keadaan merenggang ($V_i > V_j$)

$V_i = 152 \text{ kts}$, $V_j = 138 \text{ kts}$, separasi antar pesawat (δ) 10 nmi, dan *final approach path* (γ) 14 nmi. Dapat dihitung menggunakan persamaan 3.9 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v_j} + \gamma \left(\frac{1}{v_j} - \frac{1}{v_i} \right)$$

$$T_{dc} = \left(\frac{10}{138} \times 3600 \right) + 14 \times \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 294,5 \text{ detik}$$

Matriks Separasi Waktu

		Tipe Pesawat <i>Leading</i>	
		C	D
Tipe Pesawat <i>Trailing</i>	C	260.9 detik	294.5 detik
	D	236.8 detik	236.8 detik

Probabilitas Antrian Kedatangan

		Tipe Pesawat <i>Leading</i>	
		C	D
Tipe Pesawat <i>Trailing</i>	C	0.298	0.23
	D	0.218	0.253

Dari kedua matriks tersebut kemudian dihitung waktu antar kedatangan pesawat terbang dengan menggunakan persamaan 3.6 dan didapatkan hasil sebagai berikut ini.

$$E(\Delta T_{ij}) = \sum [p_{ij}] [M_{ij}]$$

$$E(\Delta T_{ij}) = [\{260.9 \times 0.298\} + \{294.5 \times 0.23\} + \{236.8 \times 0.218\} + \{236.8 \times 0.253\}]$$

$$= 257 \text{ detik}$$

2. Perhitungan Kesalahan Posisi :

Keadaan Merapat ($V_i \leq V_j$)

$$B_{ij} = \sigma_0 q_v$$

$$B_{ij} = 30(1,65) = 49.5 \text{ detik}$$

Keadaan Merenggang ($V_i > V_j$)

$$B_{ij} = \sigma_0 q_v - \delta \left(\frac{V}{V_j} - \frac{V}{V_i} \right)$$

$$B_{ij} = 30(1,65) - 10 \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 25.5 \text{ detik}$$

3. Perhitungan *Runway Occupancy Time*

$$R_i = \frac{V_{ot} - V_{vtd}}{2a_1} + 3 + \frac{V_{td} - V_e}{2a_2} + t$$

$$R_{iC} = \frac{227.85 - 202}{2 \times 2} + 3 + \frac{202 - 88}{2 \times 2} + 10$$

$R_{iC} = 48$ detik untuk kedatangan sedangkan 96 detik untuk keberangkatan. Hal ini karena diasumsikan saat keberangkatan pesawat harus memutar terlebih dahulu di ujung barat *runway* 09.

$$R_{iD} = \frac{253.17 - 237}{2 \times 2} + 3 + \frac{237 - 88}{2 \times 2} + 10$$

$R_{iD} = 54$ detik untuk kedatangan sedangkan 109 detik untuk keberangkatan.

Probabilitas Kedatangan Pesawat nerdasar *Approach Speed* dan *Runway Occupancy*

Time

Tipe Pesawat	Probabilitas	ROT
C	0.52	48 detik
D	0.48	54 detik

Didapatkan hasil perhitungan sebagai berikut.

$$E(R_i) = [\{P_c \times R_{ic}\} + \{P_d \times R_{id}\}]$$

$$E(R_i) = [\{0.52 \times 48\} + \{0.48 \times 54\}] = 51 \text{ detik}$$

4. Kisaran Waktu Yang Dibutuhkan Antar Kedatangan Pesawat Sejauh 10 nmi

Probabilitas kedatangan menurut *Approach Speed*

Tipe Pesawat	Probabilitas	V (knot)
C	0.52	138
D	0.48	152

$$E\left(\frac{\delta d}{V_j}\right) = [P_c \times \left(\frac{\delta}{V_i}\right) + P_d \times \left(\frac{\delta}{V_j}\right)] \times 3600$$

$$E\left(\frac{\delta d}{V_j}\right) = [0.52 \times \left(\frac{10}{138}\right) + 0.48 \times \left(\frac{10}{152}\right)] \times 3600 = 113.1 \text{ detik}$$

5. Kapasitas Landasan Pacu Operasi Campuran

$$E(\Delta T_{ij}) \geq E[R_i] + E\left[\frac{\delta_d}{v_j}\right] + B_{ij} + (n_d - 1) E(t_d)$$

$$E(\Delta T_{ij}) \geq 49.5 + 51 + 113.1 + 120(1-1)$$

$$257 \text{ detik} \geq 213.6 \text{ detik}$$

$$C_m = \frac{1}{E(\Delta T_{ij})} \times 1 + (\Sigma n_d P_{nd})$$

$$C_m = \frac{3600}{257} \times (1 + 1(1)) = 28 \approx 28 \text{ operasi/jam.}$$



Lampiran 13
Perhitungan Kapasitas Metode Analitis 28 September 2019

Aturan Separasi, Waktu Antar Kedatangan, dan *Approach Path* :

$$\delta = 10 \text{ nmi}$$

$$t_d = 120 \text{ detik}$$

$$\gamma = 14 \text{ nmi}$$

1. Waktu Antar Kedatangan yang diharapkan :

Keadaan merapat ($V_i \leq V_j$)

$V_i = 138 \text{ kts}$, $V_j = 152 \text{ kts}$, dan separasi antar pesawat (δ) 10 nmi. Dapat dihitung menggunakan persamaan 3.8 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v}$$

$$T_{cd} = \frac{10}{138} \times 3600 = 260,9 \text{ detik}$$

$$T_{cc} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

$$T_{dd} = \frac{10}{152} \times 3600 = 236,8 \text{ detik}$$

Keadaan merenggang ($V_i > V_j$)

$V_i = 152 \text{ kts}$, $V_j = 138 \text{ kts}$, separasi antar pesawat (δ) 10 nmi, dan *final approach path* (γ) 14 nmi. Dapat dihitung menggunakan persamaan 3.9 berikut.

$$\Delta T_{ij} = T_j - T_i = \frac{\delta}{v_j} + \gamma \left(\frac{1}{v_j} - \frac{1}{v_i} \right)$$

$$T_{dc} = \left(\frac{10}{138} \times 3600 \right) + 14 \times \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 294,5 \text{ detik}$$

Matriks Separasi Waktu

		Tipe Pesawat <i>Leading</i>	
		C	D
Tipe Pesawat <i>Trailing</i>	C	260.9 detik	294.5 detik
	D	236.8 detik	236.8 detik

Probabilitas Antrian Kedatangan

		Tipe Pesawat <i>Leading</i>	
		C	D
Tipe Pesawat <i>Trailing</i>	C	0.295	0.227
	D	0.216	0.261

Dari kedua matriks tersebut kemudian dihitung waktu antar kedatangan pesawat terbang dengan menggunakan persamaan 3.6 dan didapatkan hasil sebagai berikut ini.

$$E(\Delta T_{ij}) = \sum [p_{ij}] [M_{ij}]$$

$$E(\Delta T_{ij}) = [\{260.9 \times 0.295\} + \{294.5 \times 0.227\} + \{236.8 \times 0.216\} + \{236.8 \times 0.261\}]$$

$$= 256.8 \text{ detik}$$

2. Perhitungan Kesalahan Posisi :

Keadaan Merapat ($V_i \leq V_j$)

$$B_{ij} = \sigma_0 q_v$$

$$B_{ij} = 30(1,65) = 49.5 \text{ detik}$$

Keadaan Merenggang ($V_i > V_j$)

$$B_{ij} = \sigma_0 q_v - \delta \left(\frac{v}{v_j} - \frac{v}{v_i} \right)$$

$$B_{ij} = 30(1,65) - 10 \left(\frac{1}{138} - \frac{1}{152} \right) \times 3600 = 25.5 \text{ detik}$$

3. Perhitungan *Runway Occupancy Time*

$$R_i = \frac{V_{ot} - V_{vtd}}{2a_1} + 3 + \frac{V_{td} - V_e}{2a_2} + t$$

$$R_{iC} = \frac{227.85 - 202}{2 \times 2} + 3 + \frac{202 - 88}{2 \times 2} + 10$$

$R_{iC} = 48$ detik untuk kedatangan sedangkan 96 detik untuk keberangkatan. Hal ini karena diasumsikan saat keberangkatan pesawat harus memutar terlebih dahulu di ujung barat *runway* 09.

$$R_{iD} = \frac{253.17 - 237}{2 \times 2} + 3 + \frac{237 - 88}{2 \times 2} + 10$$

$R_{iD} = 54$ detik untuk kedatangan sedangkan 109 detik untuk keberangkatan.

Probabilitas Kedatangan Pesawat nerdasar *Approach Speed* dan *Runway Occupancy*

Time

Tipe Pesawat	Probabilitas	ROT
C	0.52	48 detik
D	0.48	54 detik

Didapatkan haril perhitungan sebagai berikut.

$$E(R_i) = [\{P_c \times R_{ic}\} + \{P_d \times R_{id}\}]$$

$$E(R_i) = [\{0.52 \times 48\} + \{0.48 \times 54\}] = 51 \text{ detik}$$

4. Kisaran Waktu Yang Dibutuhkan Antar Kedatangan Pesawat Sejauh 10 nmi

Probabilitas kedatangan menurut *Approach Speed*

Tipe Pesawat	Probabilitas	V (knot)
C	0.52	138
D	0.48	152

$$E\left(\frac{\delta d}{V_j}\right) = [P_c \times \left(\frac{\delta}{V_i}\right) + P_d \times \left(\frac{\delta}{V_j}\right)] \times 3600$$

$$E\left(\frac{\delta d}{V_j}\right) = [0.52 \times \left(\frac{10}{138}\right) + 0.48 \times \left(\frac{10}{152}\right)] \times 3600 = 114.5 \text{ detik}$$

5. Kapasitas Landasan Pacu Operasi Campuran

$$E(\Delta T_{ij}) \geq E[R_i] + E\left[\frac{\delta d}{v_j}\right] + B_{ij} + (n_d - 1) E(t_d)$$

$$E(\Delta T_{ij}) \geq 49.5 + 51 + 114.5 + 120(1-1)$$

$$256.8 \text{ detik} \geq 215.1 \text{ detik}$$

$$C_m = \frac{1}{E(\Delta T_{ij})} \times 1 + (\Sigma n_d P_{nd})$$

$$C_m = \frac{3600}{256.8} \times (1 + 1(1)) = 28 \approx 28 \text{ operasi/jam.}$$



Lampiran 14

Penundaan Kondisi IFR

1. Konfigurasi Landasan Pacu Bandar Udara Adi Sutjipto

Sesuai dengan diagram no 1 yang digunakan untuk perhitungan penundaan ialah grafik no 2-73 VFR dan 2-89 IFR.

2. Rasio Permintaan dan Kapasitas

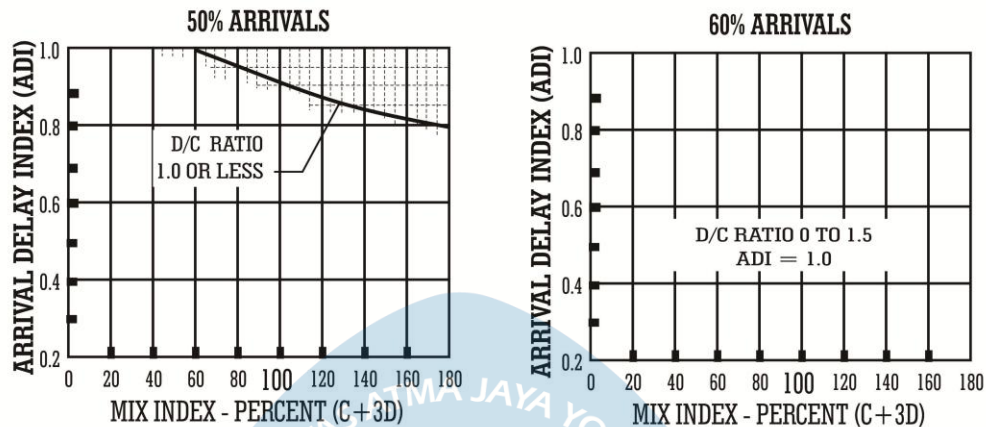
Kapasitas landasan pacu menurut metode FAA VFR ialah 36 operasi per jam, sehingga rasio permintaan dan kapasitas adalah sebagai berikut.

$$\frac{D}{C} = \frac{15}{36} = 0,417$$

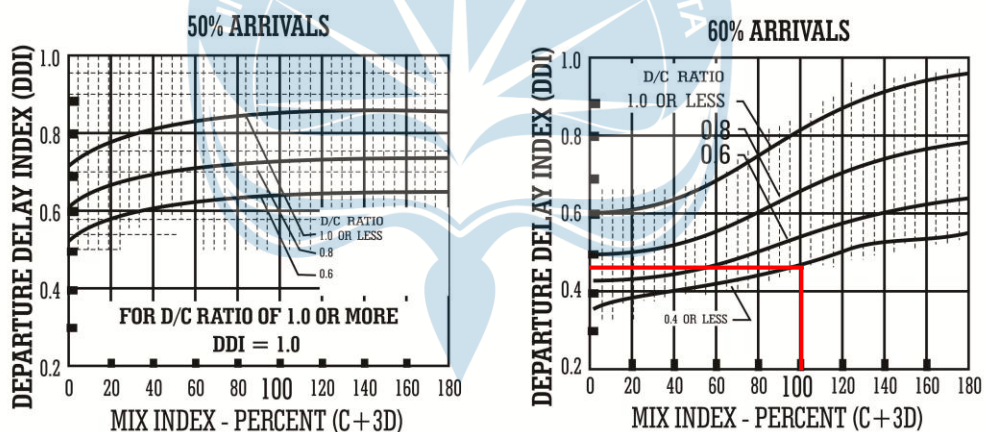
3. *Arrival Delay Index (ADI)* dan *Departure Delay Index (DDI)*

Presentase kedatangan dan *mix index* pada pukul 15.00 – 16.00 adalah 73% dan 100% , dan didapatkan nilai ADI sebesar 1, dan nilai DDI sebesar 0.45 pada kondisi IFR.

ARRIVAL DELAY INDEX



DEPARTURE DELAY INDEX



4. Arrival Delay Factor (ADF) dan Departure Delay Factor (DDF)

$$ADF = 1 \times 0.417 = 0.417$$

$$DDF = 0.45 \times 0.417 = 0.19$$

5. *Demand Profile Factor (DPF)*

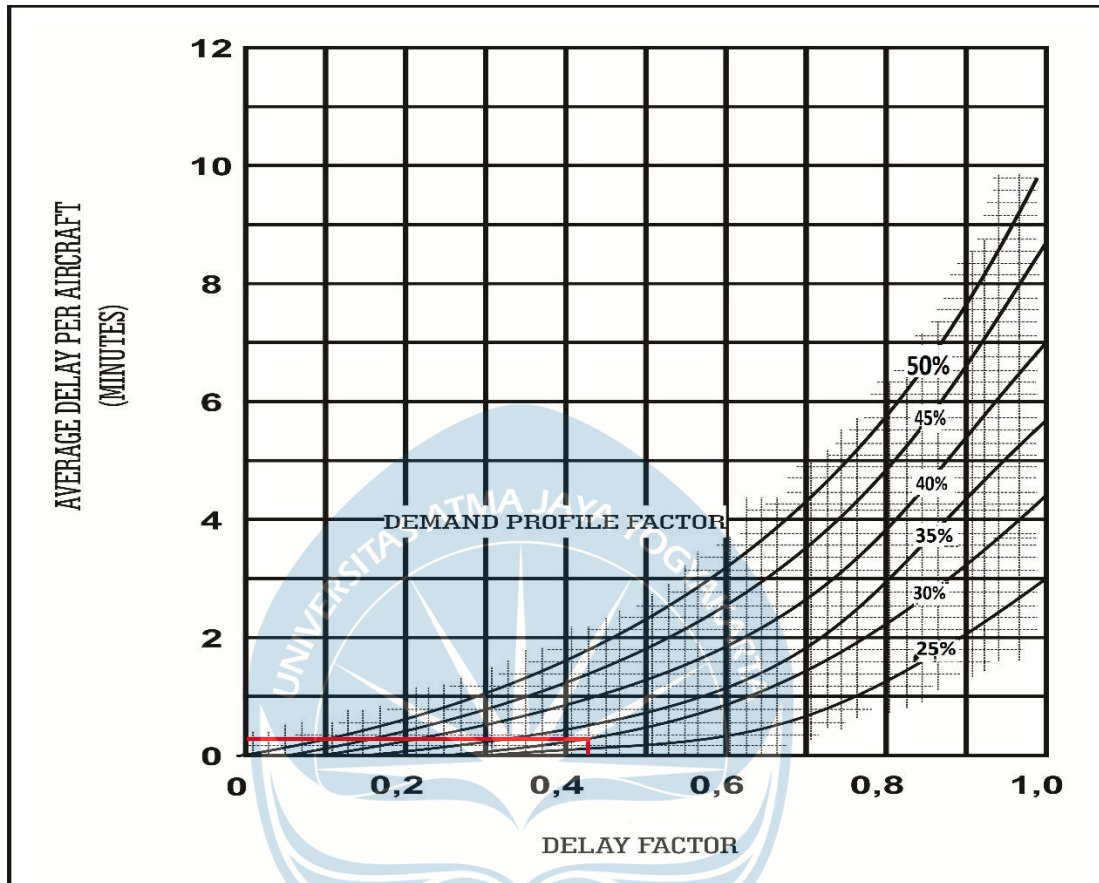
Dari urutan antrian pesawat terbang didapatkan jumlah pergerakan 15 menit tersibuk sebesar 5 Pergerakan. Nilai DPF didapat berdasarkan persamaan 3.25

$$DPF = \frac{Q}{H} \times 100\%$$

$$DPF = \frac{5}{15} \times 100\% = 30\%$$

6. Penundaan rerata dalam 1 jam

Penundaan rerata dalam 1 jam didapatkan menggunakan grafik penundaan tiap pesawat dalam satu jam berdasarkan *delay factor* dan *demand profile factor*. Pada pukul 15.00 – 16.00 penundaan untuk kedatangan ialah 0,5 menit tiap pesawat terbang, sedangkan untuk keberangkatan ialah 0 menit tiap pesawat terbang dalam kondisi IFR.



7. Jumlah Penundaan yang Terjadi

$$DTH = HD \{ [PA \times DAHA] + [(1 - PA) \times DAHD] \}$$

Kondisi VFR :

$$DTH = 15 \{ [50\% \times 0,5] + [1-50\%] \times 0 \}$$

$$DTH = 3,75 \text{ menit}$$

Penundaan rerata pesawat pada saat kapasitas landasan pacu masih dapat menampung penerbangan kondisi VFR sebesar $3,75/15 = 0,25$ menit.

Lampiran 15

Penundaan Metode Analitis

1. Konfigurasi Landasan Pacu Bandar Udara Adi Sutjipto

Sesuai dengan diagram no 1 yang digunakan untuk perhitungan penundaan ialah grafik no 2-73 VFR dan 2-89 IFR.

2. Rasio Permintaan dan Kapasitas

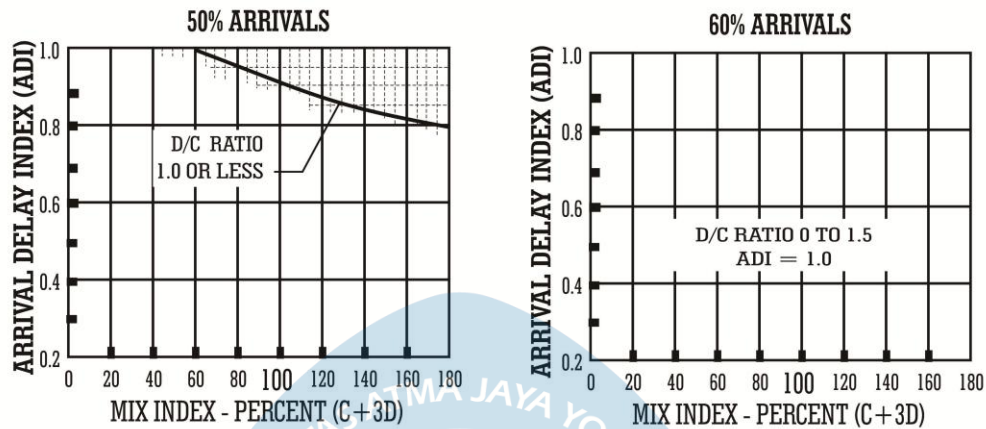
Kapasitas landasan pacu menurut metode FAA Analitis ialah 28 operasi per jam, sehingga rasio permintaan dan kapasitas adalah sebagai berikut.

$$\frac{D}{C} = \frac{15}{28} = 0,54$$

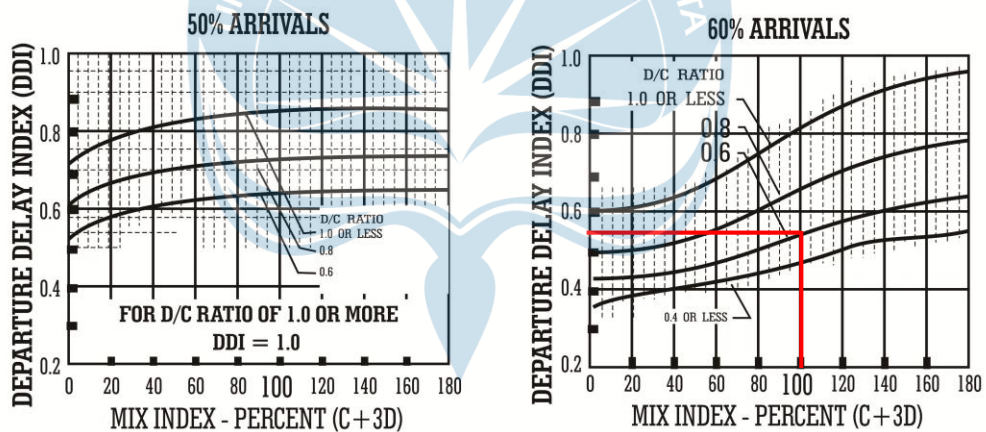
3. *Arrival Delay Index (ADI)* dan *Departure Delay Index (DDI)*

Presentase kedatangan dan *mix index* pada pukul 15.00 – 16.00 adalah 73% dan 100% , dan didapatkan nilai ADI sebesar 1, dan nilai DDI sebesar 0.55 pada metode Analitis.

ARRIVAL DELAY INDEX



DEPARTURE DELAY INDEX



4. Arrival Delay Factor (ADF) dan Departure Delay Factor (DDF)

$$ADF = 1 \times 0.54 = 0.54$$

$$DDF = 0.55 \times 0.54 = 0.3$$

5. *Demand Profile Factor (DPF)*

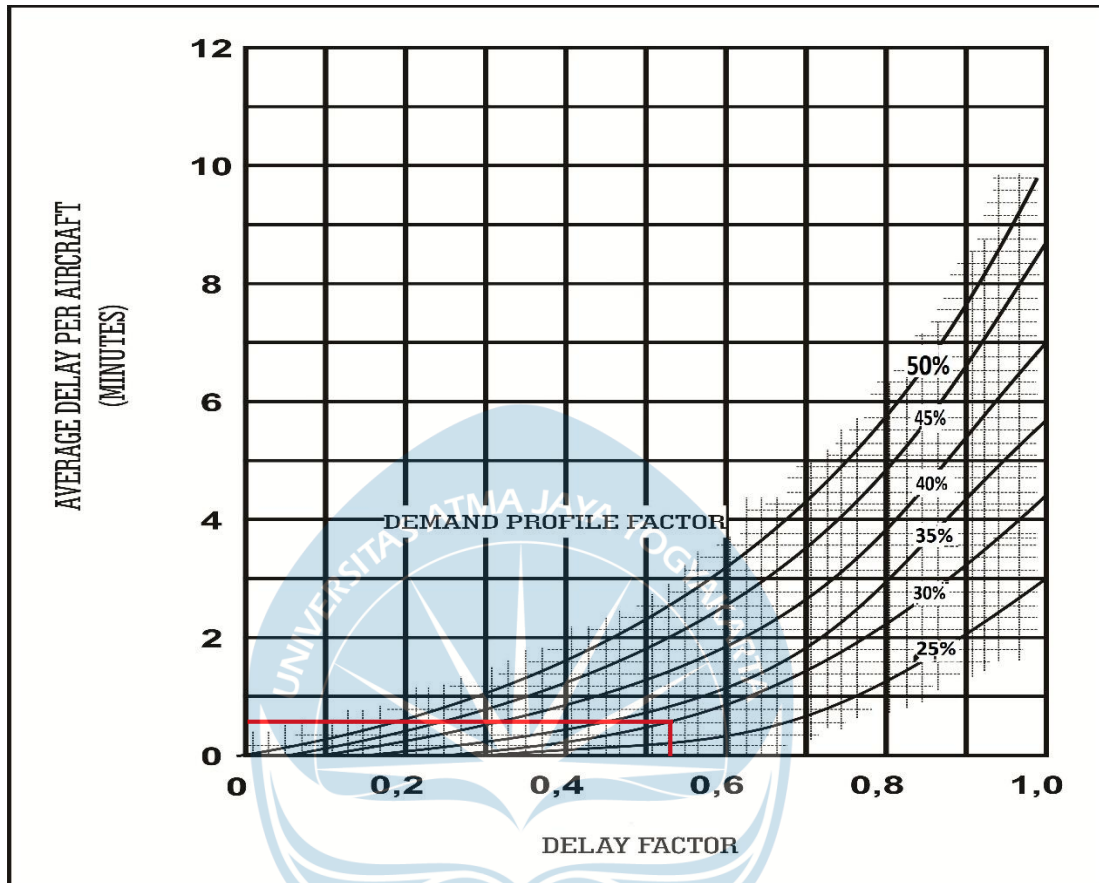
Dari urutan antrian pesawat terbang didapatkan jumlah pergerakan 15 menit tersibuk sebesar 5 Pergerakan. Nilai DPF didapat berdasarkan persamaan 3.25

$$DPF = \frac{Q}{H} \times 100\%$$

$$DPF = \frac{5}{15} \times 100\% = 30\%$$

6. Penundaan rerata dalam 1 jam

Penundaan rerata dalam 1 jam didapatkan menggunakan grafik penundaan tiap pesawat dalam satu jam berdasarkan *delay factor* dan *demand profile factor*. Pada pukul 15.00 – 16.00 penundaan untuk kedatangan ialah 0,8 menit tiap pesawat terbang, sedangkan untuk keberangkatan ialah 0 menit tiap pesawat terbang dalam metode FAA.



7. Jumlah Penundaan yang Terjadi

$$DTH = HD \{ [PA \times DAHA] + [(1 - PA) \times DAHD] \}$$

Kondisi VFR :

$$DTH = 15 \{ [50\% \times 0,8] + [1-50\%] \times 0 \}$$

$$DTH = 6 \text{ menit}$$

Penundaan rerata metode analitis pada saat kapasitas landasan pacu masih dapat menampung penerbangan sebesar $6/15 = 0,4$ menit.