



FASILITAS LANDASAN BANDAR UDARA DI ACEH
TAHUN 2020



NO	FASILITAS	BANDAR UDARA												
		SULTAN ISKANDAR MUJDA ACEH BESAR	CUT NYAK DHIEH NAGAN RAYA	LASIKIN SINABANG	T. CUT ALI TAPAKTUAN	REMBELE TAKENONG BENER MERIAH	MAIMUM SALEH SABANG	SATPEL BANDARA MALIKUSSALEH ACEH UTARA	KUALA BATEE BLANG PIDIE	ALAS LAUSER KUTACANE	HAMZAH FANSURI ACEH SINGKIL	SATPEL BANDARA PATIAMBANG GAYO LUES	POINT "A" MOBIL OIL LHOKSUKON	AIRSTRIK KOTA LANGSA
		(MILIK BUMN)	(UPT. DIJEN.HUBUD)	(UPT. DIJEN.HUBUD)	(UPT. DIJEN.HUBUD)	(UPT. DIJEN.HUBUD)	(UPT. DIJEN.HUBUD)	(UPT. DIJEN.HUBUD)	(MILIK PEMDA)	(MILIK PEMDA)	(MILIK PEMDA)	X (MILIK PEMDA)	(BANDARA KHUSUS)	(MILIK PEMDA)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Koordinat	05° 32' 20,59" N 095° 25' 01,55" E	04° 02' N 096° 14' E	02° 25'00" N 96° 18'00"E	03° 18' N 098° 18' E	04° 43' 21,8" N 96° 51' 10,6" E	05° 52' N 095° 20' E	05° 13' 44,3" N 96° 57' 5,40" E	03° 43' 52,3" N 96° 47' 91,2" E	03° 23' 13,8" N 97° 51' 69,9" E	02° 16' 20,87" N 97° 57' 39,15" E	03° 56' 58,8" N 97° 21' 21,8" E	05° 04' 23" N 97° 15' 19" E	
2	Elevasi	65 feet (Rw 17) 67,8 (Rw 35)	3 m	10 feet	4 m	1413 m MSL	110 m	90 feet/27,4 meter (MSL)	36 feet	± 139 Mls	30 feet	2789 feet	27,72 feet	
3	Runway Number	17 - 35	14 - 32	07 - 25	14 - 32	09 - 27	10 - 28	06 - 24	15 - 33	15 - 33	30 - 12	13 - 31	16 - 34	
4	Runway Length	3000 m x 45 m	1.800 m x 30 m	1.400 m x 30 m	1274 m x 23 m	2.250 m x 30 m	1.850 m x 30 m	1.850 m x 30 m	1.200 m x 23 m	1.650 m x 29,6 m	1.200 m x 23 m	810 m x 23 m	1,115 m x 23 m	800 m x 23 m
5	Konstruksi	Hotmix	Hotmix	Flexible Pavment	Hotmix	Hotmix	Hotmix	Asphalt Concrete	Hotmix	Hotmix	Hotmix	Hotmix	Asphalt Concrete	
6	P C N	88 F/C/W/T	23 F/C/Y/T	dari Treshold 25,0 » 450m PCN.33F/C/Y/T dari 450m »1410m PCN 16 F/C/Y/T	S FC2U - 12,500 Lbs	48	17	PCN 25 F/C/Y/T				21	-	
7	Taxiway	175 x 23 m (Tw A) 175 x 23 m (Tw B) 23 x 75 m (Tw C) 23 x 210 m (Tw D) 23 x 75 m (Tw E) 23 x 1200 m (Tw WP) 250 x 30 m (Tw F) 23 x 310 (Tw EP)	95 x 18	130m x 23m	71,5 x 15 m	187 x 23	150 x 23	150 x 15	50,5 x 14	12 m x 67 m	75 x 15	75 x 15	75 x 15	
8	Apron	412 x 160 m PCN 90 R/C/W/T Rigid / Concrete	160 x 40 65 x 40	130 x 100	60 x 40 m	106 x 80	140 x 60	140 x 60	50 x 35	41.000 Lbs	100 x 60	60 x 40	120 x 60 m	
9	Turning Area	4625 m2	1500 m2	3000m2	2000m2	1,300 m2	Ada	50 m x 15 m	Ada	-	Ada	-	Ada	
10	Paved Shoulder Kanan	7,5 x 3.000 m	30 x 960	(15 x 410m) & (30m x 1000m)	1.300 x 80	15 x 1.400 m	60 x 1910	40 x 2.090 m	-	-	-	30 x 810	15 x 1115	
11	Paved Shoulder Kiri	7,5 m x 3.000 m	30 x 960	(15 x 1100m) & (30m x 410m)	1.300 x 81	15 x 1.450 m	60 x 1910	40 x 2.090 m	-	-	-	30 x 780	15 x 1115	
12	Overrun	45 x 60	2 x 30 x 30	30 x 60	30	30 x 60 m	2 x 30 x 30	60 m x 30 m	2 x 60x23	-	2 x 60 x 23	30	2 x 60 x 30	
	Resa	2 x 90 m x 90 m	R/W 14 (NIHIL) R/W 32 (60 x 90)	2500 m2		RW 09 (80 x 150 m), RW 27 (60 x 150 m)	-	-	-	30 m x 60 m x 2	-	-	-	
13	Open Drainage	5.968 m2	Ada	4000 m	1.300x2 type III	2.500 m	Ada	Ada	Ada	-	Ada	-	Ada	
14	Close Drainage	651 m2	Ada	100 m	-	212 m	Ada	Ada	Ada	-	-	-	Ada	
15	Pagar Batasan Bandara	11.938 m'	Ada	4100 m (Beton & BRC)	Ada	4.420 m	Ada	Ada	Ada	Ada	Ada	-	Ada	
16	Kapasitas	B 747-400	ATR - 72		F - 50	F - 50 / CN-235	F - 27	ATR 72-500/600	F - 50	F - 50	Cassa 212	Cassa 212	Dash - 7	
17	Marking	10855 m2	Ada	Ada	Ada	3.454 M2	Ada	Ada	Ada	Ada	Ada	Ada	Ada	
18	Status Kontrol	ATC	AFIS	AFIS	AFIS	AFIS	AFIS	AFIS	AFIS	AFIS	AFIS	AFIS	AFIS	
19	Luas Area	230 Ha	52,8 Ha	329.933 m2	± 50 Ha	110,6 Ha	18 Ha	± 27 Ha	± 45 Ha	32,48 Ha	68,9 Ha	58,3 Ha	10 Ha	

Catatan :

ATC : Air Traffic Controller

AFIS : Aeronautical Flight information Service (Only provide aeronautical information for pilot)

X : Milik Pemda beralih ke UPT Diijen Hubud sejak Tahun 2015



**FASILITAS TELEKOMUNIKASI BANDAR UDARA ACEH
TAHUN 2020**



NO	BANDAR UDARA	JENIS PERALATAN	MERK / TYPE	FUNGSI	FREQ			CALL SIGN	POWER / COVERAGE	TAHUN OPERASI	KONDISI	JUMLAH (SET)
1	2	3	4	5	6			7	8	9	10	11
1	Sultan Iskandar Muda	SSB VHF VHF Portable VHF ER	Yaesu Yaesu	Point to Point Ground to Air Ground to Air Ground to Air	6589 kHz 122,2 kHz 122,2 kHz Polonia						Normal Normal Normal Normal	1 Unit 1 Unit 1 Unit 1 Unit
2	Cut Nyak Dhien	SSB VHF All Band (SSB) HT, HF HT, Airband		Point to Point Ground to Air	6589 kHz 122,8 kHz						Normal Normal	1 Unit 1 Unit
3	Teuku Cut Ali	SSB VHF VHF Portable	Yaesu FT 840 Dittel Fsg 2T Dittel Fsg 2T	Point to Point Ground to Air Ground to Air	6589 kHz 122,8 kHz 122,8 kHz			Tapaktuan Tapaktuan Tapaktuan	100NM 15 NM 15 NM	2007 2012 2007	Baik Baik Baik	1 Unit 1 Unit 1 Unit
4	Lasikin	SSB VHF		Point to Point Ground to Air	6589 kHz 122,2 kHz					1992	Normal Normal	1 Unit 1 Unit
5	Malikussaleh	Handy Talky Handy Talky Handy Talky SSB SSB VHF	Yaesu-VX 6 R Icom IC-A24 Icom IC-92AD Harris RF 3200	Point to Point Point to Point Ground to Air	8070 kHz 6589 kHz 122,9 kHz				100 W	2010 2011 2011	Rusak Rusak Rusak Unavailable Normal Normal	5 Unit 2 Unit 10 Unit 1 Unit 1 Unit 3 Unit
6	Maimun Saleh	SSB VHF VHF Portable		Point to Point Ground to Air Ground to Air	6589 kHz 122,1 kHz 122,1 kHz				5 W 100 W		Normal Normal Normal	1 Unit 1 Unit 1 Unit
7	Point "A"	SSB VHF	Codan 2020 Jotron 7550	Point to Point Ground to Air	6589 kHz 130,45 kHz			Lhoksukon Radio Lhoksukon Radio	70 W / 130 Nm 60 W / 60 Nm	2014 2008	Baik Baik	1 Unit 1 Unit
8	Rembele	SSB VHF	Verstex Standart Icom	Point to Point Ground to Air	658,9 MHz 122,7 MHz			Takengon Radio Rembele Info	1000 Nm 30 Nm	2004 2010	Baik Baik	2 Unit 1 Unit
9	Kuala Batee	SSB VHF		Point to Point Ground to Air	6589 kHz 122,x kHz						Normal Normal	1 Unit 1 Unit
10	Alas Lauser	SSB VHF	Verstex Standart Becker GK 415	Point to Point Ground to Air	6589 kHz 122,8 kHz			Kutacane Info Kutacane radio	- -	2005 2005	Kurang Baik Kurang Baik	1 Unit 1 Unit
11	Syekh Hamzah Fansuri	SSB VHF		Point to Point Ground to Air	6,589 MHz 122,6 MHz					2008	Normal Normal	1 Unit 1 Unit
12	Patiambang	VHF		Ground to Air	119.85 KHz			Gayo Info		2014	Normal	1 Unit 1 Unit

Catatan :

SSB : Single Side Band (Radio Transceiver system for Point to Point Communication)

VHF : Very High Frequency (Radio Frequency Band for Ground to Air Communication)



FASILITAS NAVIGASI BANDAR UDARA ACEH TAHUN 2020



NO	BANDAR UDARA	JENIS PERALATAN	MERK / TYPE	FUNGSI	FREQ	IDENT	POWER / COVERAGE	TAHUN OPERASI	KONDISI	JUMLAH (SET)
1	2	3	4	5	6	7	8	9	10	11
1	Sultan Iskandar Muda	NDB VOR DME Radar SSR ILS VSAT	Nautel ND 4000 AWA VBR 51 D Raytheon RS 870 Wilcox MK II	Posisi bandara Arah bandara Jarak bandara Radar ER Polonia Bantu Pendaratan Comm. Satelit	330 kHz 133,42 MHz 60 MHz 111.3 Mhz	NZ BAC IBAC	1 W / 200 NM 100 W / 180 NM 1,25 KW / 200 NM	1990 1991 1984	Normal Normal Normal Unserviceable Normal Normal	1 Unit (dual) 1 Unit (dual) 1 Unit (dual) 1 Unit (dual) 1 Unit (dual)
2	Cut Nyak Dhien	NDB VOR / DME	Nautel ND 2000D	Posisi bandara	200 kHz	MH		1989	Normal New	1 Unit (dual)
3	Teuku Cut Ali	NDB	LWX 100	Homing	230 kHz	TP	100 w / 60 nm	1993	Rusak Berat	1 Unit (dual)
4	Lasikin	NDB	Nautel VR 250	ground to air/Pesawat	398 KHz	56	250 / 100 ML	2012	Abnormal	1 Unit (dual)
5	Malikussaleh	NDB	LWX 100	Posisi bandara	335 kHz	LW	100 w / 60 nm		Normal	1 Unit (dual)
6	Maimun Saleh	NDB		Posisi bandara	310 kHz	WE			Normal	1 Unit (dual)
7	Point "A"	NDB VOR / DME	Nautel Wilcox	Nav Aid Arah bandara	222 kHz 114,9 MHz	LS LSN	75 W / 80 NM 100 W / 150 NM	2011	Baik	1 Unit (dual) 1 Unit (dual)
8	Rembele	NDB	Nautel VR 125	Ground to air	251 kHz	1	119 W	2014	Baik	1 Unit
9	Kuala Batee	NDB	LWX 100	Posisi bandara	-	-	-	-	Unavailable	1 Unit
10	Alas Lauser	NDB	-	-	-	-	-	-	-	-
11	Syekh Hamzah Fansuri	NDB	-	Posisi bandara	207 kHz	SKL	-	2008	Normal	-
12	Patiambang	Dalam proses pembangunan	-	-	-	-	-	-	-	-

Catatan :

NDB : Non Directional Beacon (Navigation)

VOR : VHF Omni Range (Navigation)

DME : Distance Measuring Equipment (Navigation)

SSR : Secondary Surveillance Radar (Navigation), for ER (Extended Range) Medan or Jakarta Control

ILS : Instrument Landing System (Landing Guidance System), with configuration : Glide Slope, Glide Path, Inner Marker and Middle Marker

VSAT : Very Small Amateur Terminal (Satellite Receiver for Data Communication)



FASILITAS LISTRIK BANDAR UDARA ACEH
TAHUN 2020



NO	BANDAR UDARA	NAMA PERALATAN	MERK	TYPE	DATA TEKNIS	TAHUN INSTALASI	KONDISI (%)	KETERANGAN
1	2	3	4	5	6	7	8	9
1	Sultan Iskandar Muda	PLN	-	-		2008	100%	
		Genset 1000 kVA (No. 01)	Deutz / AVK	BF 8 M 1015 CS	1000 kVA / 380 V	1995	100%	
		Genset 500 kVA (No. 02)	Deutz / Leroy Somer	BF 8 M 1015 CS	500 kVA / 380 V	2008	40%	Proses Over Haul
		Genset 500 kVA (No. 03)	Deutz / MagnaMax	BF 8 M 1015 CS	500 kVA / 380 V	2008	100%	
		Genset 325 kVA (No. 04)	MTU	Type 18V2000	325 kVA / 380 V	1995	100%	
		Runway Edge Light	Honeywell	RTO 25.11.1/2	150 W / 6.6 A	2000	100%	
		PAPI	Honeywell	PWF-52	200 W / 6.6 A	2000	100%	
		Threshold Elevated Light	Honeywell	RTO 25.16	100 W / 6.6 A	2000	100%	
		Threshold Inset Light	Honeywell / Thorn	BOF-4-200	100 W / 6.6 A	2000	100%	
		Threshold Wing Light	Honeywell	ATR 12A-THR/GN-400	150 W / 6.6 A	2000	100%	
Rotating Beacon	ADB		500 W / 6.6 A	2008	100%			
2	Cut Nyak Dhien	PLN	-	-	30 KVA			
		Genset			135 KVA & 250 KVA			
3	Teuku Cut Ali	PLN	Schneider / SPLN-D3	-	66 KVA	2013	90%	Operasi
		Genset	Traknus Perkins	Uc. I224E1	60 KVA	2013	90%	Operasi
			Yanmar	SA-5	5 KVA	1992	50%	Operasi
			Stamfort	DC.1184F16	25 KVA	2010	75%	Operasi
4	Lasikin	PLN	-	-	164KVA,220V,50Hz, 3 PHASE	2010		Operasi
		Genset	Perkins	UC 1224D	50KVA,220/400V,50H z,3PHASE	2006		Operasi
					135KVA,220/400V,50 Hz,3PHASE	2014		Operasi
5	Malikussaleh	PLN	-	-				
		Genset	Caterpillar		364 Kva	2008	100%	
			Caterpillar		100 Kva	2008	rusak berat	
		Runway Light	Philip		100 watt	2008	baik & rusak	
		PAPI	Philip		200 watt	2008	rusak	
		Threshold Light	Philip		100 watt	2008	baik & rusak	
Rotating Beacon	Philip		200 watt	2008	rusak			
6	Maimun Saleh	PLN	-	-	131 KVA			
		Genset						
		Runway Light				1984	80%	
		PAPI				1980	80%	
Rotating Beacon				1984				
7	Point "A"	PLN	Provide By Company	-				
		Runway Light						
		PAPI						
		Threshold Light						
Rotating Beacon								
8	Rembele	PLN	-	-				
		Genset						
9	Kuala Batee	PLN	-	-				
		Genset						
10	Alas Lauser	PLN	-	-	7 KVA		90%	
		Genset			50 KVA		80%	
11	Syekh Hamzah Fansuri	PLN	-	-	33 KVA			
		Genset						
12	Patiambang	Dalam proses pembangunan	-	-	-	-	-	-

Catatan :

PAPI : Precision Approach Path Indicator

Data Teknis : Data Tegangan, Frekuensi, Daya Keluaran, Jumlah Kanal, Fase

Kondisi (%) : (1-usia peralatan dlm tahun / 20) x 100%