

ROYAL THAI AIR FORCE

Below is as a summary listing of the aircraft operated by the Royal Thai Air Force.

This listing is largely based on personal observations and research, with thanks also due to the Royal Thai Air Force, many Air Britain publications, Marco Dijkshoorn (Scramble), Ed Young's "Aerial Nationalism – A History of Aviation in Thailand" (Smithsonian 1995), Andreas Parsch, Martin Best and others.

Serial number system

Aircraft usually wear a variety of serials and codes. The most obvious and frequently reported are the Roman script 'serial' based on the previous USAF serial, BuNo or c/n, plus in some cases a squadron code.

As is fairly well known however, the RTAF has since 1949 also operated its own serial number system which describes the aircraft role, type, individual serial and year of acquisition; these serials are almost without exception (T-33's being one) applied to the aircraft in Thai script, and are usually quite small.

Role numbers (e.g. Kh9 for Curtiss Hawk II) were also allocated in retrospect to all earlier types except the Breguets and Nieuports acquired in 1913. These earlier types generally had a serial prefixed 'B' (as the current system), then a sequential number not related to type, then (following a /) two numbers indicating the year of procurement (eg. 65 = 2465 = 1922). For example, Breguet 14 B.274/65 indicates an aircraft procured in 1922 by the Siamese AF, and their 274th aircraft of all types. This system is not well researched.

As an example, the sixth F-86L wore serial '30843' (being ex 53-0843) plus squadron code '1221'. In addition it wore the Thai serial (Thai characters with their Roman equivalent):-

บ	ข	๑	๗	ก	-	๖	/	๐	๖
B.	Kh	1	7	k	-	6	/	0	6

Briefly, in this case:-

'B.' indicates an aircraft ('bin' = aircraft in Thai), and is common to all types. This first character is not always worn.

'Kh' indicates that the aircraft's role is that of 'fighter'

'17' indicates that the F-86 is the 17th fighter type

'k' indicates a sub-type; in this example the F-86F is Kh17, whereas the F-86L is Kh17k

'6' indicates the 6th F-86 procured

'06' indicates the year of procurement as 2506 in the Buddhist calendar (= 1963).

In some cases the role of an aircraft has changed, or aircraft have a dual role. In such cases two 'role' letters may be used. For example the T-28 was allocated a basic 'role' letter in the trainer series as 'F13'. However most T-28's fulfilled a ground attack role, and most therefore wore serials in the 'B.JF13-x/xx' series, 'J' indicating the attack role.

<u>Roman</u>	<u>Thai</u>	<u>Role</u>	
B.Ch	บ.ช	tanker	เชื้อเพลิง
B.F	บ.ฝ	trainer	ฝึก
B.H	บ.ฮ	helicopter	เฮลิคอปเตอร์
B.HPhT	บ.ฮพท	aerial mapping helicopter	เฮลิคอปเตอร์แผนที่
B.J	บ.จ	attack	โจมตี
B.JTh2	บ.จธ๒	attack / liaison	
B.K		control	การควบคุม ??

B.Kh	บ.ข	fighter	ขับไล่
B.KhF	บ.ขฝ	fighter / trainer	ขับไล่ ฝึก
B.L	บ.ล	transport	ลำเลียง
B.Or	บ.อ	electronics	อิเล็กทรอนิกส์
B.Ph	บ.พ	civil trainer	พลเรือน
B.PhTh	บ.พท	aerial mapping	แผนที่
B.T	บ.ต	observation / reconnaissance	ตรวจการณ์
B.Th	บ.ท	bomber	ทิ้งระเบิด
B.ThOr	บ.ทอ	experimental /	กองทัพอากาศ
B.ChOr	บ.ชอ	made in Thailand	
B.Th	บ.ธ	utility	ธุรการ
B.R	บ.ร	glider	ร่อน
B.S	บ.ส	communications	สื่อสาร
B.W	บ.ว	UAV	บังคับวิทยุ

The list below summarises aircraft operated by the RTAF. A detailed aircraft listing is available at.....

<u>Type</u>	<u>Serial (Roman)</u>	<u>Serial (Thai)</u>	<u>No.</u>	<u>Dates</u>	<u>Notes</u>
1913					
Breguet III			5	1913-??	4 brought back from France; 5 th locally built 1915
Nieuport IIN / IVG			4	1913-??	4 brought back from France
Trainer					
Nieuport 23	B.F1	บ.ฝ๑	~12	1918-35	Part of a batch of 12 Nieuports dd 1918; others possibly locally-built
Nieuport 18	B.F2	บ.ฝ๒	~12	1918-35	Part of a batch of 12 Nieuports dd 1918; others locally-built
Consolidated PT-1	B.F3	บ.ฝ๓	4	1928-39	Bought for comparison with Avro 504N
Avro 504N	B.F4	บ.ฝ๔	70+	1930-48	C/ns 390 to 409 dd 1930; 50+ manufactured locally; 1 transferred to Navy 1939
Vought Corsair V-93S (mod)	B.F5	บ.ฝ๕	10+	1939-49	Locally built trainer version with R760 engine
Tachikawa Ki-55	B.F6	บ.ฝ๖	24	1942-50	24 dd 1942
Miles M.14A Magister	B.F7	บ.ฝ๗	20	1947-52	dd Nov47 thro' Mar48; some believed dd to Navy; Navy survivors to RTAF after Jun51
North American T-6	B.F8	บ.ฝ๘	220	1948-74	30 T-6D bought 1948; 60 T-6D acquired 1950; 30 T-6F dd 1951; 25 T-6D dd 1951; 75 T-6G supplied under MAP 1957/58
DHC Chipmunk	B.F9	บ.ฝ๙	66	1950-89	18 DHC-1B-2 dd 1950, followed by 48 T.20 Jun51 thro' 1954

DH.82A Tiger Moth	B.F10	ប.៧០	34	1951-61	Only 31 identified; transferred from Navy after Jun51 coup
Lockheed T-33A	B.F11	ប.៧១	46	1955-94	6 T-33A & 3 RT-33A dd Jly55 to 10 Squadron, followed by 1 RT-33A in 1960, 7 T-33A in 1962, 2 T-33A & 3 RT-33A in 1967, 12 T-33A in 1969/70, 1 RT-33A in 1970, 12 ex French AF in 1982/83 and 7 T-33A in 1988
Lockheed RT-33A	B.TF11	ប.៧១១	8	1955-96	
Cessna T-37B/C	B.F12	ប.៧២	22	1961-96	8 T-37B dd 1961; 6 T-37C in 1970; 2 T-37C in 1972; 6 T-37B in 1980
North American T-28D, T-28D-5 & T-28D-10	B.JF13	ប.៧៣	120	1962-88	First 40 dd 1962. Final delivery was 5 ex-Khmer AF T-28's in 1975
Cessna T-41D	B.F14	ប.៧៤	13	1968-date	12 dd 1968, plus a 13 th ex-Khmer AF in 1975
SIAI SF-260	B.F15	ប.៧៥	18	1973-99	12 SF-260MT dd 1973/74 (one of which was lost on delivery and replaced by a 13 th aircraft); 6 SF-260W dd 1978
NZAI CT/4 Airtrainer	B.F16	ប.៧៦	54	1974-date	24 CT/4A dd 1974, 6 CT/4B dd 1992, 16 CT/4E dd 1999 thro' 2001, 8 CT/4E dd 2004/05
RTAF4 Chantra	B.F17	ប.៧៧	13 ?	1974-89	Ex B.ThOr4; 1 prototype & 12 (?) production conversions from Chipmunk T.20 from 1974
RFB Fantrainer 400	B.F18	ប.៧៨	11	1988-94	31 Fantrainer 400 & 16 Fantrainer 600 ordered plus 16 Fantrainer 600 options. One 400 & one 600 dd complete Dec84 and the remainder in kit form for local assembly; planned to produce 7 in 1984, 22 in 1985 & 18 in 1986, but apparently only 11 Fantrainer 400 and 15 Fantrainer 600 actually completed
RFB Fantrainer 600	B.F18k	ប.៧៨ក	15	1988-94	
Pilatus PC9	B.F19	ប.៧៩	26	1991-date	dd 1991 thro' 1996
Diamond DA42	B.F20	ប.៨០	6	2009-date	6 dd 2009 for 604 Sqdn
Diamond DA42M MPP	B.TF20	ប.៨០០	5	2010-date	3 dd 2010, plus 2 in 2011, for 402 Sqdn
Diamond DA42NG			4	2017-date	4 dd 2017
Diamond DA42N MPP			3	2020-date	3 dd 2020 for 402 Sqdn
Diamond DA40NG	B.F21		(8)	2020-date	dd dismantled Sep20
Beechcraft T-6TH Texan II			(12)	(2022)	
Helicopter					
Westland S-51	B.H1	ប.៩១	3	1950-54	Ex G-AMAS, G-AMAT & G-AMJW; G-AMAK w/o before delivery
Sikorsky H-5A	B.H1k	ប.៩១ក	1	1953-54	Ex 43-46607; in RTAF Museum
Hiller 360	B.H2	ប.៩២	1	1950-52	Either c/n 131 or 156; other to Police
Hiller UH-12B	B.H2k	ប.៩២ក	4	1952-62	C/ns 596, 597, 598 & 599

Sikorsky S-55 / H-19	B.H3	ป.๕๓	8	1954-65	6 S-55 bought 1954 & 2 H-19A supplied under MAP 1957
Sikorsky S-58 / H-34	B.H4	ป.๕๔	63	1962-80	
Sikorsky S-58T	B.H4k	ป.๕๔ก	19	1978-2003	18 locally-converted from H-34; 19 th transferred from Kaset
Kaman HH-43	B.H5	ป.๕๕	4	1962-72	60-0290, 60-0291, 60-0292 & 61-2920
Bell UH-1H	B.H6	ป.๕๖	39	1968-date	37 dd 1968-75, plus 2 ex RTN in 2003
Bell UH-1N	B.H6k	ป.๕๖ก	2	1976-99	C/n 31692 & 31693
Bell 412	B.H6Kh	ป.๕๖ข	2	1982-date	C/n 33035 & 33039
Bell 412HP/SP	B.H6Kh2	ป.๕๖ค	3	1991-date	C/n 36010, 36021 & 36025
Bell 412EP	B.H6Ng	ป.๕๖ง	6	1998-date	C/n 36172, 36193, 36194, 36195, 36302 & 36303
Bell 47G / OH-13H	B.H7	ป.๕๗	9	1972-73	To Army 1973
Bell 206B-3 Jet Ranger	B.H8	ป.๕๘	6	1995-2006	C/ns 4362, 4363, 4366, 4367, 4368 & 4455; survivors soc 01Oct06
Eurocopter AS332L-2	B.H9	ป.๕๙	3	1996-2002	One w/o 1997, and survivors stored until returned to Eurocopter
Keystone (Sikorsky) S-92A	B.H10	ป.๕๑๐	5	2011-date	3 ordered 16Oct07 & dd Mar11; 2 dd Nov18
Eurocopter EC725 / H225M	B.H11	ป.๕๑๑	8 (4)	2015-date	4 ordered 18Sep12 & dd May-Jly15; 2 ordered Oct14 & dd Nov16; 2 ordered Oct16 & dd Oct18; 4 ordered Sep18 for 2020/21 delivery
Eurocopter EC135 / H135	B.H12 ?		(6)	(2021)	6 ordered Sep19 for 2021 delivery
Sikorsky S-70i	B.H13 ?		(5)		Reported on order
Mapping Helicopter					
Bell 206B	B.HPhT1	ป.๕๗๓๑	1	1982-87	C/n 872 ex Army
Kawasaki KH-4	B.HPhT2	ป.๕๗๓๒	1	1982-85	C/n 2042 ex Army
Bell 412EP	B.HPhT3 ?	ป.๕๗๓๓ ?	2	2011-date	93306 & 93307
Eurocopter EC155B-1	B.HPhT4 ?	ป.๕๗๓๔ ?	2	2014-date	93308 & 93309
Attack					
Vought Corsair V-93S	B.J1	ป.๖๑	<112	1934-50	9 V.93S & 3 V.93SA dd 1934; others (possibly 72) manufactured locally from 1936
Mitsubishi Ki-30 'Ann'	B.J2	ป.๖๒	24	1940-51	24 dd Nov40
Curtis SB2C-5 Helldiver	B.J3	ป.๖๓	6	1951-55	Taken over 29Jun51 ex Navy after Jun51 coup
Fairey Firefly FR.1 & T.2	B.J4	ป.๖๔	12	1951-55	10 FR.1 & 2 T.2 dd by sea late 1951. Intended for Navy but order transferred to RTAF after Jun51 coup
North American OV-10C	B.J5	ป.๖๕	32	1971-2004	1 st batch of 16 dd 1970 thro' 1971; 2 nd batch of 16 dd 1973 thro' 1974; 8 handed to Philippine AF Sep03 & May04

Cessna A-37B	B.J6	ป.จ๖	20	1972-94	17 entered service Sep72; a VNAF A-37B which escaped to Thailand in Apr75 became the 18 th (although it did not enter service until 1982); two attrition replacements were acquired in 1985
Alpha Jet A	B.J7	ป.จ๗	20	2000-date	Ex Luftwaffe; also 5 for spares; dd Sep00 thro' Aug01
Attack / Liaison					
Fairchild AU-23A Turbo Porter	B.JTh2	ป.จ๓๒	35	1972-date	13 dd 1972 plus 2 retained in USA; 20 dd from 1975
Control Aircraft					
Saab 340AEW Erieye	B.K1		2	2010-date	1 dd 19Dec10; 2 nd dd 09Oct12
Fighter					
Nieuport 11 (13m ²)	B.Kh1	ป.๒๑	4+	1918-27	
Nieuport 17, 21, 24 & 27	B.Kh2	ป.๒๒	12+	1918-32	Local production from 1922
Spad VII & S.XIII	B.Kh3	ป.๒๓	33	1919-31	3 bought 1919; others manufactured locally from 1923
Nieuport-Delage NiD29C.1	B.Kh4	ป.๒๔	12+	1923-36	2 bought as patterns; others manufactured locally from 1924
Prachadhipok	B.Kh5	ป.๒๕	1	1929-?	Locally designed type
Bristol Bulldog	B.Kh6	ป.๒๖	2	1930-40	C/ns 7387 & 7388 dd Jan30 for comparison with Boeing 100 & HD43
Boeing 100E (P-12E)	B.Kh7	ป.๒๗	2	1931-49	C/ns 1487 & 1488 dd Dec31 for comparison with Bulldog & HD43; c/n 1488 in RTAF Museum
Heinkel HD43	B.Kh8	ป.๒๘	2	1930-40	C/ns 344 & 345 dd Jan30 for comparison with Boeing 100 & Bulldog
Curtiss 65 Hawk II	B.Kh9	ป.๒๙	12	1934-49	12 dd 1934 (c/ns H85 to H96); no local production
Curtiss 68B Hawk III	B.Kh10	ป.๒๑๐	up to 74	1935-49	24 dd 1935/36 (c/ns 12061 to12084); up to 50 built locally from 1938; one in RTAF Museum
Curtiss Hawk 75N	B.Kh11	ป.๒๑๑	12	1939-49	12 dd 1938 (c/ns 12756 to12767); c/n 12763 in RTAF Museum
Nakajima Ki-27b 'Nate'	B.Kh12	ป.๒๑๒	12	1942-45	12 (Mansyu-built) dd Jan42
Nakajima Ki-43 Hayabusa 'Oscar'	B.Kh13	ป.๒๑๓	24	1943-49	24 dd 1943
Spitfire F/FR.14 & PR.19	B.Kh14	ป.๒๑๔	34	1951-55	Contract signed 18Apr50 with Vickers for 18 Spitfire 14E & 6 FB14E; first 2 accepted Sep50 at Vickers works, and shipped to Thailand 24Oct50; all (plus some spares ships) arrived in Thailand between Feb51 and Jan52. 4 ex FEAF Spitfire PR.19's (PS888, PS890, PS836 & PM630) dd 1954 for instructional use

Grumman F8F-1 Bearcat	B.Kh15	ป.๒๑๕	207	1951-60	50 F8F-1D handed over 06Sep51; further deliveries through to 1956, including a batch from French AF stocks in Indo-China
Republic F-84G Thunderjet	B.Kh16	ป.๒๑๖	31	1956-63	Deliveries Nov56 to Aug57
North American F-86F Sabre	B.Kh17	ป.๒๑๗	54	1961-72	54 F-86F (incl. 10 ex Spanish AF) dd 1961-63
North American F-86L Sabre	B.Kh17k	ป.๒๑๗ก	20	1962-67	20 F-86L acquired 1962-66
Northrop F-5A/C	B.Kh18	ป.๒๑๘	18	1967-1998	2 F-5B dd 1966, followed by 8 F-5A in 1967; 1 F-5C & 3 F-5A attrition replacements dd 1969 thro' 1971; 4 RF-5A dd 1970 followed by a further 6 F-5A in 1974, 1 F-5B (ex VNAF) in 1975 and 2 F-5B (ex RMAF) in Sep82; 2 additional F-5B dd 1987
Northrop RF-5A	B.TKh18	ป.๓๒๑๘	4	1970-2006	
Northrop F-5B	B.Kh18k	ป.๒๑๘ก	7	1966-2007	
Northrop F-5E	B.Kh18Kh	ป.๒๑๘ข	40	1978-date	16 F-5E & 3 F-5F dd 1978; 19 F-5E & 3 F-5F dd 1979 thro' 1981; 5 ex USAF Clark AFB F-5E dd 1988
Northrop F-5F	B.Kh18Kh2	ป.๒๑๘๒	6	1978-date	
Northrop F-5TH (previously F-5T)		ป.๒๑๘๓	12		Update of F-5E
Northrop F-5THF (previously F-5TF)		ป.๒๑๘๔	3		Update of F-5F
General Dynamics F-16A	B.Kh19	ป.๒๑๙	29	1988-date	(Peace Naruesuan): 12 F-16A ordered 1985 for delivery 1988 thro' 1991
General Dynamics F-16B	B.Kh19k	ป.๒๑๙ก	14	1988-date	(Peace Naruesuan II): 2 F-16A & 4 F-16B ordered 1987 for delivery Jun88 thro' 1991
General Dynamics F-16ADF			16	2002-date	(Peace Naruesuan III): 12 F-16A & 6 F-16B dd Oct95 thro' Feb96 (Peace Naresuan IV): 15 used F-16A & 1 used F-16B (converted to F-16ADF), plus 2 spares airframes, dd Aug02 (1 st five) thro' Apr03 3 F-16A & 4 F-16B given by Singapore AF 2005 in exchange for training facilities
McDonnell Douglas F/A-18C/D	(B.Kh20)	(ป.๒๒๐)	(8)	N/A	4 F/A-18C & 4 F/A-18D ordered, then cancelled Dec97
Saab JAS39C Gripen	B.Kh20	ป.๒๒๐	8	2011-date	1 st batch of 2 JAS39C & 4 JAS39D dd 22Feb11; 2 nd batch of 3 JAS39C dd Apr13; 3 rd batch of 3 JAS39C dd 04Sep13; 1 attrition replacement due c2023
Saab JAS39D Gripen	B.Kh20k	ป.๒๒๐ก	4	2011-date	
Fighter Trainer					
Aero L-39ZA/ART	B.KhF1	ป.๒๒๑	40	1993-date	1 st batch dd Sep93
KAI T-50TH	B.KhF2	ป.๒๒๒	10 (4)	2018-date	Order for 4 announced 17Sep15; 2 nd batch of 8 ordered 30Jly17; 3 rd batch of 2 pending
Transport					
Beech C-45B/F	B.L1	ป.๒๒๓	7	1947-71	ex RAF Expeditors 43-35580 c/n 6044, 44-47266 c/n 7234, 44-47280 c/n 7251, 44-47547 c/n 7955, 44-87078 c/n 8337, 44-87152 c/n 8411 & 44-47475 c/n 7883

Douglas C-47	B.L2	ປ.ລ໒	54	1947-97	54 C-47, including 15 AC-47
Douglas EC-47D	B.L2Or	ປ.ລ໒໑	1	1964-66	Ex 43-49250; to HS-DOA
Basler BT-67	B.L2k	ປ.ລ໒ກ	9	1998-date	5 converted from existing RTAF C-47 airframes, and from 4 Basler stock airframes; first 7 for rain-making / fire-fighting; last 2 initially ELINT-configured
Douglas DC-4	B.L3	ປ.ລ໓	2	1959-66	C/ns 42919 (w/o 14Apr60) & 7488
Fairchild C-123B	B.L4	ປ.ລ໔	22	1964-90	Dd 1964-73
Fairchild C-123K	B.L4k	ປ.ລ໔ກ	20	1973-95	Dd 1973-75; type wfu 1991, but 3 restored 1994-95
HS748	B.L5	ປ.ລ໕	6	1965-2016	1 dd 1965, 1 dd Jan-73; 4 from Thai AW 1983
Swearingen SA226AT Merlin 4A	B.L6	ປ.ລ໖	2	1978-82	C/ns AT-062E (w/o 06Nov78) & AT-065 (w/o 20Sep82)
Swearingen SA226AT Merlin 4A	B.TL6	ປ.ຕລ໖	3	1979-2003	C/ns AT-071 to AT-073
IAI Arava M201TH	B.TL7	ປ.ຕລ໗	3	1980-2015	C/ns 0056 to 0058
Lockheed C-130H & C-130H-30	B.L8	ປ.ລ໘	12	1980-date	
GAF Nomad (incl. B.JL9 & B.TL.9)	B.L9	ປ.ລ໙	22	1982-2015	20 dd 1982/83; 2 dd 1987
Douglas DC-8-62AF	B.L10	ປ.ລ໑໐	3	1979-89	C/ns 60109, 60110 & 60112
Boeing 737-2Z6	B.L11	ປ.ລ໑໑	1	1983-2006	C/n 23059 dd 15Dec83
Boeing 737-3Z6	B.L11k	ປ.ລ໑໑ກ	1	1989-93	C/n 24480 dd Sep89
Boeing 737-400	B.L11Kh.MVK	ປ.ລ໑໑໗-ມວກ	2	1995-date	C/n 27906, c/s HS-RTA, dd 28Feb95; c/n 24866, c/s HS-HRH, dd Apr05
Boeing 737-8Z6	B.L11k.VPR	ປ.ລ໑໑ກ.ວປຣ	2	2007-date	C/n 35478, c/s HS-TYS, dd Apr07 & c/n 62445, c/s HS-TYU, dd Sep16
Lear Jet 35A	B.TL12	ປ.ຕລ໑໒	2	1988-2012	C/ns 35-623 & 35-635 dd Mar88
Airbus A310-324	B.L13	ປ.ລ໑໓	1	1991-2016	C/n 591, c/s HS-TYQ, dd Sep91
Aeritalia G-222	B.L14	ປ.ລ໑໔	6	1995-2011	C/ns 4107 to 4109 dd May95; c/ns 4110 to 4112 in 1996
A319-115(CJ)	B.L15	ປ.ລ໑໕	1	2004-date	c/n 1908, c/s HS-TYR, dd Aug04
A320-214(CJ)/W Prestige	B.L15k	ປ.ລ໑໕ກ	2	2015-date	c/n 6112, c/s HS-TYT, dd 18Jun15; c/n 9313, c/s HS-TYW, dd 28Nov20
ATR72-212A	B.L16	ປ.ລ໑໖	4	2009-date	Ordered 20Sep07; c/ns 872, 881, 887 & 893 dd Sep09 to Nov09
Saab 340B	B.L.17	ປ.ລ໑໗	3	2010-date	1 transport ordered 11Feb08 as part of Gripen deal & dd 19Dec10 (70202, later reconfigured as ECM aircraft); 2 nd (70204) dd 02May12 in exchange for three Aeritalia G-222's; 2 more (70205 & 70206) dd 2017
Saab 340B ECM	B.TL.17		2		1 st (70202) reconfigured from transport role; 2 nd (70207) dd Feb17
Sukhoi RRJ-95LR Superjet	B.L.18	ປ.ລ໑໘	3	2016-date	3 VIP-configured ordered 2014; first dd 28Jly16

Airbus A340-541	B.L.19		1	2016-date	HS-TLC acquired from THAI May16; c/s HS-TYV
Piaggio P.180 Avanti EVO	B.TL.20	ป.ตล.๒๐	1	2017-date	1 PR-configured ordered Sep14; dd 07Sep17
Civil Trainer					
Cessna 150	B.Ph1	ป.พ๑	6	1971-2004	1 escaped from Laos in 1971, a 2 nd in 1975, plus 4 from Australia 1991
Aerial Mapping					
Swearingen SA226T(B) Merlin 3			1	1980-82	C/n T-348
Cessna 411	B.PhTh1	ป.พ๑๑	2	1982-89	C/ns 0167 & 0241
Beech Queen Air B-80	B.PhTh2	ป.พ๑๒	2	1971-89	C/n LD-440 & LD-457
Beech Queen Air A-80	B.PhTh2k	ป.พ๑๒ก	1	1982-86	C/n LD-199
Beech King Air E-90	B.PhTh3	ป.พ๑๓	1	1982-89	C/n LW-26
Aero Commander 690	B.PhTh4	ป.พ๑๔	1	1982-88	C/n 11340
Beech King Air B-200 / B-300			5	1993-date	C/ns BB-1436, BB-1441, BB-1443, FL-1134 & FL-1227
Observation / Reconnaissance					
Percival P.54 Survey Prince 3A	B.T1	ป.ต๑	1	1952-62	G-AMNT c/n P.41 dd Apr52
Cessna O-1 Bird Dog	B.T2	ป.ต๒	54	1967-90	
Diamond DA42MPP	B.T3	ป.ต๓	See B.TF20		Original allocation for DA42MPP; changed to B.TF20
Bomber					
Breguet 14A & 14B	B.Th1	ป.๑๑	40+	1919-37	8 bought; local production began 1924; 40 in service mid-1936 (probably including Br.14T)
Paribatra	B.Th2	ป.๑๒	4+	1927-40	Ex B.ThOr1; first flight 23Jun27
Martin 139WSM	B.Th3	ป.๑๓	15	1937-49	6 dd 1937; 3 Martin 139 & 6 Martin 166 (ex Dutch) taken over late 1943
Mitsubishi Ki-21	B.Th4	ป.๑๔	9	1940-49	9 (Nakajima-built) dd Dec40
Experimental / Made in Thailand					
ThOr1 Paribatra	B.ThOr1	ป.๑๑๑		1927	To B.Th2
ThOr2	B.ThOr2	ป.๑๑๒	1	1957-58	
ThOr3	B.ThOr3	ป.๑๑๓	0		Cancelled project
ThOr4 Chantra	B.ThOr4	ป.๑๑๔			To B.F17
ThOr5	B.ThOr5	ป.๑๑๕	1	1984-85	First flight 05Oct84
Pazmany PL-2	B.ChOr1	ป.๑๑๑	1 (2?)	1974	Locally built
ChOr2	B.ChOr2	ป.๑๑๒	1	2007-date	Converted from SF-260; lead-in to ThOr6
ThOr6	B.ThOr6	ป.๑๑๖	5	2014-date	2 prototypes plus 3 pre-production
Utility					
Helio U-10B/D Courier	B.Th1	ป.๑๑	20	1963-86	63-8099 to 63-8110, plus 8 FY66 aircraft
Glider					

Nihon Kogata 'Tobi'	<i>Liw lom</i>		1	1941-??	dd as gift from Japanese on 24Jun41 (National Day); in RTAF Museum
Nihon Kogata 'Hato'	<i>Len Lom</i>		1	1941-??	dd as gift from Japanese on 24Jun41 (National Day); in RTAF Museum
Nihon Kogata 'Ootori'	<i>Long Lom</i>		1	1941-??	dd as gift from Japanese on 24Jun41 (National Day)
Hoffman Dimona	B.R1	ป.๖๑	10	1983-94	
Grob G109	B.R2	ป.๖๒	2	1981-94	C/n 6063 & 6069
Communications					
Fairchild F24J (& F2W40 ?)	B.S1	ป.๖๓	13 ?	1938-50	3 F24J (from c/ns 3411 to 3416) dd 1938 & 10 F2W40 (from c/ns W40-104, 142 to 146, 153 to 157) dd 1940; some to Siamese Airways
Rearwin 9000	B.S2	ป.๖๔	2	1938-47	C/ns 615D & 616D to Thailand 07Oct38; both to Siamese Airways 1947
Piper L-4J Cub	B.S3	ป.๖๕	42	1947-59	Ex surplus stocks at Tacloban & Guam
Piper PA-11	B.S3k	ป.๖๖ก	2	1951-62	C/ns 11-1069 & 11-1070; transferred from Navy after Jun51 coup
Stinson L-5 / L-5B	B.S4	ป.๖๗	10	1947-59	ex RAF L-5's 42-99490, 42-99493, 42-99539 & L-5B's 42-99606, 42-99609, 42-99683, 44-16980, 44-16983, 44-16984 & 44-16985
Beech Bonanza	B.S5	ป.๖๘	3	1951-62	C/ns D-1467, D-1483 & D-1486; transferred from Navy after Jun51 coup
Grumman Widgeon	B.S6	ป.๖๙	5 (6?)	1951-56	C/n 1449 in RTAF Museum; NC41972 c/n 1403 also believed ex RTAF; transferred from Navy after Jun51 coup
Cessna 170B	B.S7	ป.๗๐	9	1954-59	C/ns 26219, 26230 to 26233, 26247, 26249, 26257 & 26258; at least 4 passed to Kaset by 1964
UAV					
Lear-Siegler / BAe Systems Skyeeye R4E-30	B.W1	ป.๗๑	6	1983-??	
Sapura Cyber Eye	?	?	3	2010-date	Bought 2010
Aeronautics Defence Systems AeroStar	?	?	2	2011-date	Bought 2010/11
Tigershark I	?	?	?		Thai experimental design
Tigershark II	?	?	2		Thai operational design
G-Force Composites G-Star	?	?	?	?	
Other types with no known serial range					
Seversky P-35 (2PA-B3)	There are rumours that the 20 P-35's dd to the Japanese Navy were initially sold to Siam in 1938, and they were ferried to Glendale for sea shipment by Babb & Co. before being diverted to the Japanese Navy				
Bristol Blenheim IV	6 ordered 1939 but not dd				

North American NA50/68	6 (41-19082 to 41-19087 c/ns 68-3058 to 68-3063) ordered Nov39 but not dd; diverted to USA Oct40
North American NA44/69	10 (41-18890 to 41-18899 c/ns 69-3064 to 60-3073) ordered Nov39 but not dd; diverted to USA Oct40
Tachikawa Ki9 'Spruce'	Type reported, but in error. Never operated by RThaiAF
Mitsubishi A6M2 / A6M5 'Zero'	Type reported, but in error. Never operated by RThaiAF
Mansyu Ki79	'some' reported dd during WW2, but in error. Never operated by RThaiAF
Piper Super Cub	'some' reported dd early 1950's; none identified & believed confused with L-4J Cub
Short SD330 Sherpa	Proposal to buy 12 Sherpas 1986 for \$48m; not proceeded with