15 NOVEMBER 2021 THAILAND / TRANSPORT & LOGISTICS

AAV TB







Flying out of the storm in 4Q21

Booked a THB1.0b core loss in 3Q21, beating our estimate

Thai AirAsia (TAA, not listed, AAV holds a 55% stake) reported a 3Q21 net loss of THB3.8b. Excluding a THB2.1b FX loss and a THB0.1b derivative gain, TAA's core loss would be THB1.9b. As a result, AAV booked a 3Q21 core loss of THB1.0b, smaller than the 2Q21 core loss of THB1.3b, beating our estimate of a THB1.6b core loss and BBG's consensus estimate of a THB1.7b loss. 3Q21 revenue fell 68% q-q as the number of passengers carried decreased from 0.7m in 2Q21 to 0.1m in 3Q21. ASK also fell by 88% q-q, with a load factor of 75%. Expenses decreased by 33% due to lower fuel costs on lower fuel consumption and lower staff costs from the leave without pay and furlough schemes. 3Q21 operating profit and EBITDA remained negative.

Passengers carried could recover to 60-70% of pre-Covid in 2022

AAV expects to resume its domestic flight capacity at the pre-Covid level by Jan-22, while resuming 10% of its international flight capacity in 1Q22, then gradually increasing to 20% in 2Q22, 40% in 3Q22 and 50-60% in 4Q22. The first international route that AAV will resume is Maldives in Dec, and plans to resume its Cambodia route soon, as these two countries have similar border reopening policies as Thailand. AAV also plans to resume Singapore, Malaysia Vietnam, Hong Kong and India in the next step. As a result, its operating aircraft would increase to 51 from only 20 aircraft currently. Overall, AAV is targeting 13.5m passengers carried in 2022, or 61% of the pre-Covid level, while our forecast is slightly more bullish at 70% of the pre-Covid level.

Sufficient cashflow to support operations until restructuring plan

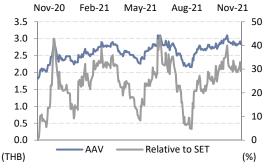
AAV expects the shareholder restructuring plan to be completed in 1Q22. It would receive proceeds of THB14b. Before that, AAV has prepared its cashflow liquidity, securing a bridging loan of THB1b, and is in the process of completing a sales and leaseback transaction for net proceeds of USD30m by 1Q21. It has also negotiated with lessors to restructure lease contracts that would lead to 15-20% lower lease payments vs existing terms, potentially improving its cost structure in the longer term.

Maintain forecast and TP

We maintain our forecast and TP of THB3.5/shr, based on 1.1x 2023E adjusted P/BV, in line with its 5-yr average of 1.2x. Our 2023E adjusted BV is THB41b, calculated from 2023E equity of THB22.3b and adding back a one-off core loss over 2020-21E of THB18.7b.

KEY STOCK DATA

YE Dec (THB m)	2020	2021E	2022E	2023E
Revenue	14,360	5,658	27,443	44,862
Net profit	(4,764)	(6,331)	(778)	1,944
EPS (THB)	(0.98)	(1.31)	(0.07)	0.15
vs Consensus (%)	-	nm	nm	275.0
EBITDA	(2,236)	(2,859)	6,298	9,469
Core net profit	(4,997)	(5,290)	(778)	1,944
Core EPS (THB)	(1.03)	(1.09)	(0.06)	0.15
EPS growth (%)	nm	nm	nm	nm
Core P/E (x)	(2.8)	(2.6)	(46.9)	18.8
Dividend yield (%)	-	-	-	2.1
EV/EBITDA (x)	(24.3)	(18.6)	10.5	6.9
Price/book (x)	1.0	1.7	1.6	1.6
Net debt/Equity (%)	216.3	711.1	157.5	127.2
ROE (%)	(29.2)	(47.7)	(5.3)	8.9



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	(4.7)	25.7	57.8
Relative to country (%)	(4.1)	17.9	29.0
Mkt cap (USD m)			420
3m avg. daily turnover (USD m)			3.9
Free float (%)			59
Major shareholder	Tass	sapon Bijle	veld (41%)
12m high/low (THB)			3.32/1.76
Issued shares (m)			12,850.00

Sources: Bloomberg consensus; FSSIA estimates



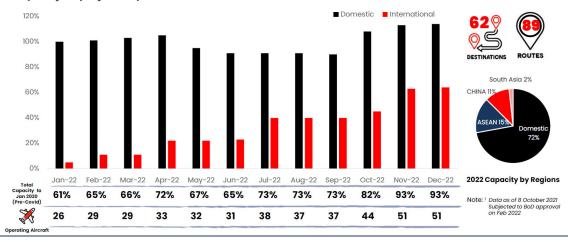
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Exhibit 1: 3Q21 results review

	3Q20	4Q20	1Q21	2Q21	3Q21	Cha	nge	9M20	9M21	Change	2021E
	(THB m)	(q-q %)	(y-y %)	(THB m)	(THB m)	(y-y %)	(THB m)				
Sales	2,403	3,640	1,179	1,015	322	(68)	(87)	10,720	2,516	(77)	5,658
- Passenger revenue	1,857	2,626	931	813	147	(82)	(92)	8,498	1,891	(78)	4,253
- Other revenue	546	1,014	248	202	175	(13)	(68)	2,223	625	(72)	1,405
Expense	(4,677)	(5,135)	(3,170)	(3,160)	(2,108)	(33)	(55)	(17,200)	(8,438)	(51)	(14,085)
- Fuel and oil	(1,334)	(1,667)	(424)	(344)	(46)	(87)	(97)	(4,732)	(814)	(83)	(2,028)
- Non-fuel operating expenses	(3,343)	(3,468)	(2,746)	(2,817)	(2,062)	(27)	(38)	(12,468)	(7,624)	(39)	(12,057)
Operating profit	(2,274)	(1,495)	(1,991)	(2,146)	(1,786)	17	21	(6,480)	(5,922)	9	(8,427)
Interest income	3	2	29	9	6	(32)	71	22	44	n/a	7
Interest expense	(410)	(447)	(426)	(425)	(476)	12	16	(1,353)	(1,327)	(2)	(1,897)
Pretax profit	(2,681)	(1,940)	(2,387)	(2,562)	(2,256)	12	16	(7,811)	(7,205)	8	(10,317)
Income Tax	183	(319)	212	152	369	144	102	979	733	n/a	698
Core profit (TAA)	(2,498)	(2,259)	(2,175)	(2,410)	(1,887)	22	24	(6,832)	(6,472)	5	(9,619)
Core profit (AAV)	(1,373)	(1,241)	(1,196)	(1,325)	(1,036)	22	25	(3,756)	(3,557)	5	(5,290)
Extraordinaries	(843)	230	(1,216)	(667)	(1,931)	189	129	194	(3,814)	(2,068)	(1,893)
- FX gain (loss)	(735)	1,535	(1,387)	(734)	(2,067)	182	181	(990)	(4,187)	323	(2,131)
- Derivative gain (loss)	(108)	111	171	66	135	105	(225)	(148)	373	n/a	238
- Others	0	(1,416)	0	0	0			1,332	0	n/a	0
Reported net profit (TAA)	(3,341)	(2,029)	(3,391)	(3,078)	(3,818)	(24)	(14)	(6,638)	(10,287)	(55)	(11,512)
Minority interest	1,504	914	1,526	1,386	1,720	24	14	2,989	4,632	55	5,180
Reported net profit (AAV)	(1,837)	(1,114)	(1,865)	(1,692)	(2,098)	(24)	(14)	(3,650)	(5,655)	(55)	(6,331)
									0		
Shares out (end Q, m)	4,850	4,850	4,850	4,850	4,850	0	0	4,850	4,850	0	4,850
Core EPS	(0.28)	(0.26)	(0.25)	(0.27)	(0.21)	(22)	(25)	(1)	(0.73)	(5)	(1.09)
EPS	(0.38)	(0.23)	(0.38)	(0.35)	(0.43)	24	14	(1)	(1.17)	55	(1.31)
Depreciation	(1,414)	(1,414)	(1,144)	(1,284)	(1,120)	(13)	(21)	(4,325)	(3,548)	(18)	(5,568)
EBITDA	(860)	(81)	(847)	(862)	(666)	(23)	(23)	(2,155)	(2,374)	10	(2,859)
Key Ratios	(%)	(%)	(%)	(%)	(%)	(ppt)	(ppt)	(%)	(%)	(ppt)	(%)
Operating profit margin	(95)	(41)	(169)	(212)	(554)	(343)	(460)	(60)	(235)	(175)	(149)
EBITDA margin	(36)	(2)	(72)	(85)	(207)	(122)	(171)	(20)	(94)	(74)	(51)
Net profit margin	(76)	(31)	(158)	(167)	(651)	(485)	(575)	(34)	(225)	(191)	(112)
Operating stats											
Passenger carried (m)	1.9	2.8	1.0	0.7	0.1						
Load factor (%)	65	74	66	61	60						
RPK (m seats-km)	1,207	2,368	699	536	64						
ASK (m seats-km)	1,853	3,158	1,035	839	99						
Average fare (THB)	996	1,023	952	1,129	1,836						
RASK (THB)	1.1	1.1	1.1	1.2	1.7						
CASK (THB)	2.7	1.7	3.3	3.9	24.3						
CASK ex-fuel (THB)	2.0	1.2	2.9	3.5	23.8						
Fuel cost per ASK (THB)	0.7	0.5	0.4	0.4	0.5						

Sources: AAV; FSSIA estimate

Exhibit 2: 2022 capacity deployment plan



Source: AAV

Financial Statements

Asia Aviation

Profit and Loss (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Revenue	41,203	14,360	5,658	27,443	44,862
Cost of goods sold	(36,642)	(14,745)	(7,102)	(19,498)	(32,252)
Gross profit	4,561	(385)	(1,444)	7,945	12,609
Other operating income	-	-	-	-	-
Operating costs	(3,295)	(1,851)	(1,415)	(1,647)	(3,140)
Operating EBITDA	1,266	(2,236)	(2,859)	6,298	9,469
Depreciation	(1,717)	(5,739)	(5,568)	(5,502)	(5,558)
Goodwill amortisation	-	-	-	-	-
Operating EBIT	(451)	(7,975)	(8,427)	796	3,911
Net financing costs	(766)	(1,776)	(1,890)	(1,768)	(1,481)
Associates	0	0	0	0	0
Recurring non-operating income	0	0	0	0	0
Non-recurring items	193	233	(1,041)	0	0
Profit before tax	(1,023)	(9,518)	(11,358)	(973)	2,430
Tax	(1)	660	698	195	(486)
Profit after tax	(1,024)	(8,858)	(10,660)	(778)	1,944
Minority interests	392	3,903	5,180	0	0
Preferred dividends	-	-	-	-	-
Other items	158	191	(852)	0	0
Reported net profit	(474)	(4,764)	(6,331)	(778)	1,944
Non-recurring items & goodwill (net)	(193)	(233)	1,041	0	0
Recurring net profit	(667)	(4,997)	(5,290)	(778)	1,944
Per share (THB)					
Recurring EPS *	(0.14)	(1.03)	(1.09)	(0.06)	0.15
Reported EPS	(0.10)	(0.98)	(1.31)	(0.07)	0.15
DPS	0.00	0.00	0.00	0.00	0.06
Diluted shares (used to calculate per share data)	4,850	4,850	4,850	12,850	12,850
Growth					
Revenue (%)	3.1	(65.1)	(60.6)	385.0	63.5
Operating EBITDA (%)	(39.0)	nm	nm	nm	50.3
Operating EBIT (%)	nm	nm	nm	nm	391.3
Recurring EPS (%)	nm	nm	nm	nm	nm
Reported EPS (%)	nm	nm	nm	nm	nm
Operating performance					
Gross margin inc. depreciation (%)	6.9	(42.6)	(123.9)	8.9	15.7
Gross margin of key business (%)	6.9	(42.6)	(123.9)	8.9	15.7
Operating EBITDA margin (%)	3.1	(15.6)	(50.5)	23.0	21.1
Operating EBIT margin (%)	(1.1)	(55.5)	(148.9)	2.9	8.7
Net margin (%)	(1.6)	(34.8)	(93.5)	(2.8)	4.3
Effective tax rate (%)	0.0	6.8	6.8	20.0	20.0
Dividend payout on recurring profit (%)	-	-	-	-	40.0
Interest cover (X)	(0.6)	(4.5)	(4.5)	0.5	2.6
Inventory days	2.4	6.6	9.1	4.1	4.8
Debtor days	17.2	46.0	61.8	7.2	2.2
Creditor days	10.5	32.2	57.0	25.9	17.1
Operating ROIC (%)	(2.7)	(33.8)	(32.5)	3.2	17.6
ROIC (%)	(1.0)	(14.2)	(14.4)	1.2	5.6
ROE (%)	(3.3)	(29.2)	(47.7)	(5.3)	8.9
ROA (%)	(0.5)	(11.1)	(13.5)	1.0	4.6
* Pre exceptional, pre-goodwill and fully diluted					
Revenue by Division (THB m)	2019	2020	2021E	2022E	2023E
Ticket sales	31,506	11,123	4,253	20,800	35,424
Ancillaries	7,511	2,285	749	4,567	7,308
Other revenue	2,185	952	655	2,076	2,130

Sources: Asia Aviation; FSSIA estimates

Financial Statements

Asia Aviation

Asia Aviation					
Cash Flow (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Recurring net profit	(667)	(4,997)	(5,290)	(778)	1,944
Depreciation	1,717	5,739	5,568	5,502	5,558
Associates & minorities	-,	-	-	-	-
Other non-cash items	(4,370)	(2,016)	(4,328)	(7,800)	0
Change in working capital	(207)	(1,888)	1,956	(476)	1,664
Cash flow from operations	(3,528)	(3,162)	(2,094)	(3,552)	9,167
Capex - maintenance	(409)	(15,620)	(57)	(4,274)	(3,449)
Capex - new investment		-	` -	-	-
Net acquisitions & disposals	0	0	0	0	0
Other investments (net)	-	-	-	-	-
Cash flow from investing	(409)	(15,620)	(57)	(4,274)	(3,449)
Dividends paid	0	0	0	0	(778)
Equity finance	0	0	0	11,800	2,200
Debt finance	3,476	16,305	3,400	(7,106)	(5,106)
Other financing cash flows	320	(395)	(1,893)	4,286	(2,200)
Cash flow from financing	3,796	15,910	1,507	8,980	(5,884)
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
Net other adjustments	0	0	0	0	0
Movement in cash	(140)	(2,872)	(644)	1,154	(166)
Free cash flow to firm (FCFF)	(3,170.90)	(16,981.93)	(254.15)	(6,054.95)	7,208.33
Free cash flow to equity (FCFE)	(140.39)	(2,871.86)	(644.00)	(10,646.20)	(1,588.04)
Per share (THB)					
FCFF per share	(0.25)	(1.32)	(0.02)	(0.47)	0.56
FCFE per share	(0.01)	(0.22)	(0.05)	(0.83)	(0.12)
Recurring cash flow per share	(0.68)	(0.26)	(0.84)	(0.27)	0.58
Balance Sheet (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Tangible fixed assets (gross)	33,497	38,701	38,758	43,032	46,481
Less: Accumulated depreciation	(8,620)	(3,944)	(9,512) 29,246	(15,014)	(20,572) 25,909
Tangible fixed assets (net) Intangible fixed assets (net)	24,877 23,704	34,758 23,696	23,696	28,018 31,496	31,496
Long-term financial assets	23,704	23,090	23,090	31,490	31,490
Invest. in associates & subsidiaries	0	0	0	0	0
Cash & equivalents	3,982	1,110	466	1,620	1,455
A/C receivable	2,518	1,100	817	268	268
Inventories	295	240	116	318	525
Other current assets	632	310	122	592	967
Current assets	7,427	2,760	1,521	2,798	3,215
Other assets	6,895	6,764	6,764	6,764	6,764
Total assets	62,903	67,978	61,227	69,076	67,384
Common equity	19,944	14,266	7,935	21,157	22,323
Minorities etc.	7,745	3,094	(2,086)	0	0
Total shareholders' equity	27,688	17,360	5,849	21,157	22,323
Long term debt	20,604	37,659	40,659	33,553	28,447
Other long-term liabilities	666	3,448	3,448	3,448	3,448
Long-term liabilities	21,270	41,106	44,106	37,000	31,894
A/C payable	1,555	1,049	1,167	1,603	1,414
Short term debt	1,750	1,000	1,400	1,400	1,400
Other current liabilities	10,639	7,462	8,705	7,916	10,353
Current liabilities	13,944	9,511	11,272	10,919	13,166
Total liabilities and shareholders' equity	62,903	67,978	61,227	69,076	67,384
Net working capital	(8,749)	(6,861)	(8,817)	(8,341)	(10,006)
Invested capital	46,726	58,356	50,889	57,937	54,163
* Includes convertibles and preferred stock which is be	ng treated as debt				
Per share (THB)					
Book value per share	4.11	2.94	1.64	1.82	1.74
Tangible book value per share	(0.78)	(1.94)	(3.25)	(0.89)	(0.71)
Financial strength				, ,	, ,
Net debt/equity (%)	66.4	216.3	711.1	157.5	127.2
Net debt/total assets (%)	29.2	55.2	67.9	48.3	42.1
Current ratio (x)	0.5	0.3	0.1	0.3	0.2
CF interest cover (x)	0.8	(0.6)	0.7	(5.0)	(0.1)
Valuation	2019	2020	2021E	2022E	2023E
Recurring P/E (x) *	(20.7)	(2.8)	(2.6)	(46.9)	18.8
Recurring P/E @ target price (x) *	(25.5)	(3.4)	(3.2)	(46.9) (57.8)	23.1
Recurring P/E @ target price (x) " Reported P/E (x)	(29.1)	(2.9)	(2.2)	(57.8) (42.3)	23.1 18.8
1 topoliou 1 /L (A)	(23.1)	(2.3)	(2.2)	(42.3)	2.1
Dividend yield (%)	-		- 1.7	1.6	1.6
	0.7	1 / 1		1.0	1.0
Price/book (x)	0.7	1.0 (1.5)			(4.0)
Price/book (x) Price/tangible book (x)	(3.7)	(1.5)	(0.9)	(3.2)	(4.0) 6.9
Dividend yield (%) Price/book (x) Price/tangible book (x) EV/EBITDA (x) ** EV/EBITDA @ target price (x) **	(3.7) 31.5	(1.5) (24.3)	(0.9) (18.6)	(3.2) 10.5	6.9
Price/book (x) Price/tangible book (x)	(3.7)	(1.5)	(0.9)	(3.2)	

Sources: Asia Aviation; FSSIA estimates

AAV TB Teerapol Udomvej, CFA Asia Aviation

Corporate Governance report of Thai listed companies 2020

AV	ADVANC	AF	ΔIDΛ	AKP	VKB	ALT.	ΔΜΔ	ΔΜΔΤΔ	ΔΜΔΤΛ\/	ANAN
			AIRA		AKR	ALT	AMA	AMATA	AMATAV	
OT	AP	ARIP	ARROW	ASP	BAFS	BANPU	BAY	BCP	BCPG	BDMS
BEC	BEM	BGRIM	BIZ	BKI	BLA	BOL	BPP	BRR	BTS	BWG
ENTEL	CFRESH	CHEWA	CHO	CIMBT	CK	CKP	CM	CNT	COL	COMAN
OTTO	CPALL	CPF	CPI	CPN	CSS	DELTA	DEMCO	DRT	DTAC	DTC
8VC	EA	EASTW	ECF	ECL	EGCO	EPG	ETE	FNS	FPI	FPT
SMART	GBX	GC	GCAP	GEL	GFPT	GGC	GPSC	GRAMMY	GUNKUL	HANA
HARN	HMPRO	ICC	ICHI	III	ILINK	INTUCH	IRPC	IVL	JKN	JSP
IWD	K	KBANK	KCE	KKP	KSL	KTB	KTC	LANNA	LH	LHFG
.IT	LPN	MAKRO	MALEE	MBK	MBKET	MC	MCOT	METCO	MFEC	MINT
MONO	MOONG	MSC	MTC	NCH	NCL	NEP	NKI	NOBLE	NSI	NVD
NYT	OISHI	ORI	ОТО	PAP	PCSGH	PDJ	PG	PHOL	PLANB	PLANET
PLAT	PORT	PPS	PR9	PREB	PRG	PRM	PSH	PSL	PTG	PTT
PTTEP	PTTGC	PYLON	Q-CON	QH	QTC	RATCH	RS	S	S&J	SAAM
SABINA	SAMART	SAMTEL	SAT	SC	SCB	SCC	SCCC	SCG	SCN	SDC
SEAFCO	SEAOIL	SE-ED	SELIC	SENA	SIRI	SIS	SITHAI	SMK	SMPC	SNC
SONIC	SORKON	SPALI	SPI	SPRC	SPVI	SSSC	SST	STA	SUSCO	SUTHA
SVI	SYMC	SYNTEC	TACC	TASCO	TCAP	TFMAMA	THANA	THANI	THCOM	THG
HIP	THRE	THREL	TIP	TIPCO	TISCO	TK	TKT	TTB	TMILL	TNDT
ΓNL	TOA	TOP	TPBI	TQM	TRC	TSC	TSR	TSTE	TSTH	TTA
TTCL	TTW	TU	TVD	TVI	TVO	TWPC	U	UAC	UBIS	UV
/GI	VIH	WACOAL	WAVE	WHA	WHAUP	WICE	WINNER	TRUE	0510	O V
	VIII	WACOAL	WAY E	V V I 1/ ⁻ \	VVIIAUF	VVICE	VVIININET	INCE		
ERY GO	OD LEVEL									
2S	ABM	ACE	ACG	ADB	AEC	AEONTS	AGE	AH	AHC	AIT
ALLA	AMANAH	AMARIN	APCO	APCS	APURE	AQUA	ASAP	ASEFA	ASIA	ASIAN
ASIMAR	ASK	ASN	ATP30	AUCT	AWC	AYUD	В	BA	BAM	BBL
ASIMAR BFIT	BGC	BJC	BJCHI	BROOK	BTW	CBG	CEN	CGH	CHARAN	CHAYO
CHG	CHOTI	CHOW	CI	CIG	CMC	COLOR	COM7	CPL	CRC	CRD
CSC	CSP	CWT	DCC	DCON	DDD	DOD	DOHOME	EASON	EE	ERW
ESTAR	FE	FLOYD	FN	FORTH	FSS	FTE	FVC	GENCO	GJS	GL
GLAND	GLOBAL	GLOCON	GPI	GULF	GYT	HPT	HTC	ICN	IFS	ILM
MH	INET	INSURE	IRC	IRCP	IT	ITD	ITEL	J	JAS	JCK
JCKH	JMART	JMT	KBS	KCAR	KGI	KIAT	KOOL	KTIS	KWC	KWM
_&E	LALIN	LDC	LHK	LOXLEY	LPH	LRH	LST	М	MACO	MAJOR
MBAX	MEGA	META	MFC	MGT	MILL	MITSIB	MK	MODERN	MTI	MVP
NETBAY	NEX	NINE	NTV	NWR	OCC	OGC	OSP	PATO	PB	PDG
PDI	PICO	PIMO	PJW	PL	PM	PPP	PRIN	PRINC	PSTC	PT
QLT	RCL	RICHY	RML	RPC	RWI	S11	SALEE	SAMCO	SANKO	SAPPE
SAWAD	SCI	SCP	SE	SEG	SFP	SGF	SHR	SIAM	SINGER	SKE
SKR	SKY	SMIT	SMT	SNP	SPA	SPC	SPCG	SR	SRICHA	SSC
SSF	STANLY	STI	STPI	SUC	SUN	SYNEX	T	TAE	TAKUNI	TBSP
ГСС	TCMC	TEAM	TEAMG	TFG	TIGER	TITLE	TKN	TKS	TM	TMC
ΓMD	TMI	TMT	TNITY	TNP	TNR	TOG	TPA	TPAC	TPCORP	TPOLY
ΓPS	TRITN	TRT	TRU	TSE	TVT	TWP	UEC	UMI	UOBKH	UP
JPF	UPOIC	UT	UTP	UWC	VL	VNT	VPO	WIIK	WP	XO
YUASA	ZEN	ZIGA	ZMICO	UVVC	٧L	VINI	VFU	VVIIIV	VVF	۸٥
OOD LE										
UP	Α	ABICO	AJ	ALL	ALUCON	AMC	APP	ARIN	AS	AU
352	BC	BCH	BEAUTY	BGT	ВН	BIG	BKD	BLAND	BM	BR
BROCK	BSBM	BSM	BTNC	CAZ	CCP	CGD	CITY	CMAN	CMO	CMR
CPT	CPW	CRANE	CSR	D	EKH	EP	ESSO	FMT	GIFT	GREEN
SSC	GTB	HTECH	HUMAN	IHL	INOX	INSET	IP	JTS	JUBILE	KASET
CM	KKC	KUMWEL	KUN	KWG	KYE	LEE	 MATCH	MATI	M-CHAI	MCS
MDX	MJD		MORE	NC NC	NDR	NER	NFC	NNCL	NPK	NUSA
		MM								
DCEAN	PAF	PF	PK	PLE	PMTA	POST	PPM	PRAKIT	PRECHA	PRIME
PROUD	PTL	RBF	RCI	RJH	ROJNA	RP	RPH	RSP	SF	SFLEX
SGP	SISB	SKN	SLP	SMART	SOLAR	SPG	SQ	SSP	STARK	STC
SUPER	SVOA	TC	TCCC	THMUI	TIW	TNH	TOPP	TPCH	TPIPP	TPLAS
ГТІ	TYCN	UKEM	UMS	VCOM	VRANDA	WIN	WORK	WPH		
		Description						Score F	Range	
		Excellent						90-1	00	
		Very Good						80-8	39	

The disclosure of the survey results of the Thai Institute of Directors Association ('IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an evaluation of operation and is not based on inside information.

The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey results may be changed after that date. FSS International Investment Advisory Company Limited does not confirm nor certify the accuracy of such survey results.

* CGR scoring should be considered with news regarding wrong doing of the company or director or executive of the company such unfair practice on securities trading, fraud,

Source: Thai Institute of Directors Association (IOD); FSSIA's compilation

and corruption SEC imposed a civil sanction against insider trading of director and executive; ** delisted

Anti-corruption Progress Indicator 2020

CERTIFIED										
2S	ADVANC	Al	AIE	AIRA	AKP	AMA	AMANAH	AP	AQUA	ARROW
ASK	ASP	AYUD	В	BAFS	BANPU	BAY	BBL	всн	ВСР	BCPG
BGC	BGRIM	BJCHI	BKI	BLA	BPP	BROOK	BRR	BSBM	BTS	BWG
CEN	CENTEL	CFRESH	CGH	CHEWA	CHOTI	CHOW	CIG	CIMBT	СМ	CMC
COL	COM7	CPALL	CPF	CPI	CPN	CSC	DCC	DELTA	DEMCO	DIMET
DRT	DTAC	DTC	EASTW	ECL	EGCO	FE	FNS	FPI	FPT	FSS
FTE	GBX	GC	GCAP	GEL	GFPT	GGC	GJS	GPSC	GSTEEL	GUNKUL
HANA	HARN	HMPRO	HTC	ICC	ICHI	IFS	INET	INSURE	INTUCH	IRPC
ITEL	IVL	K	KASET	KBANK	KBS	KCAR	KCE	KGI	KKP	KSL
KTB	KTC	KWC	L&E	LANNA	LHFG	LHK	LPN	LRH	М	MAKRO
MALEE	MBAX	MBK	MBKET	MC	MCOT	MFC	MFEC	MINT	MONO	MOONG
MPG	MSC	MTC	MTI	NBC	NEP	NINE	NKI	NMG	NNCL	NSI
NWR	occ	OCEAN	OGC	ORI	PAP	PATO	РВ	PCSGH	PDG	PDI
PDJ	PE	PG	PHOL	PL	PLANB	PLANET	PLAT	PM	PPP	PPPM
PPS	PREB	PRG	PRINC	PRM	PSH	PSL	PSTC	PT	PTG	PTT
PTTEP	PTTGC	PYLON	Q-CON	QH	QLT	QTC	RATCH	RML	RWI	S & J
SABINA	SAT	SC	SCB	SCC	SCCC	SCG	SCN	SEAOIL	SE-ED	SELIC
SENA	SGP	SIRI	SITHAI	SMIT	SMK	SMPC	SNC	SNP	SORKON	SPACK
SPC	SPI	SPRC	SRICHA	SSF	SSSC	SST	STA	SUSCO	SVI	SYNTEC
TAE	TAKUNI	TASCO	TBSP	TCAP	TCMC	TFG	TFI	TFMAMA	THANI	THCOM
THIP	THRE	THREL	TIP	TIPCO	TISCO	TKT	TTB	TMD	TMILL	TMT
TNITY	TNL	TNP	TNR	TOG	TOP	TPA	TPCORP	TPP	TRU	TSC
TSTH	TTCL	TU	TVD	TVI	TVO	TWPC	U	UBIS	UEC	UKEM
UOBKH	UWC	VGI	VIH	VNT	WACOAL	WHA	WHAUP	WICE	WIIK	XO
ZEN	TRUE									
DECLARED)									
7UP	ABICO	AF	ALT	AMARIN	AMATA	AMATAV	ANAN	APURE	B52	BKD
ВМ	BROCK	BUI	СНО	CI	сотто	DDD	EA	EFORL	EP	ERW
ESTAR	ETE	EVER	FSMART	GPI	ILINK	IRC	J	JKN	JMART	JMT
JSP	JTS	KWG	LDC	MAJOR	META	NCL	NOBLE	NOK	PK	PLE
ROJNA	SAAM	SAPPE	SCI	SE	SHANG	SINGER	SKR	SPALI	SSP	STANLY
SUPER	SYNEX	THAI	TKS	TOPP	TRITN	TTA	UPF	UV	WIN	ZIGA

Level

Certified

This level indicates practical participation with thoroughly examination in relation to the recommended procedures from the audit committee or the SEC's certified auditor, being a certified member of Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) or already passed examination to ensure independence from external parties.

Declared This level indicates determination to participate in the Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC)

Disclaimer:

The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by Thaipat Institute, is made in order to comply with the policy and sustainable development plan for the listed companies of the Office of the Securities and Exchange Commission. Thaipat Institute made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of Thaipat Institute that is a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, FSS International Investment Advisory Company Limited does not confirm, verify, or certify the accuracy and completeness of the assessment results.

Note: Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of June 24, 2019) are categorised into: 1) companies that have declared their intention to join CAC, and; 2) companies certified by CAC.

Source: The Securities and Exchange Commission, Thailand; * FSSIA's compilation

GENERAL DISCLAIMER

ANALYST(S) CERTIFICATION

Teerapol Udomvej, CFA FSS International Investment Advisory Securities Co., Ltd

The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s) was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed herein.

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History of change in investment rating and/or target price



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
19-Jan-2019 28-Mar-2019 30-Sep-2019 12-Nov-2019	BUY BUY BUY BUY	5.00 5.10 3.80 3.30	02-Apr-2020 21-Dec-2020 29-Mar-2021 18-May-2021	BUY BUY BUY BUY	3.30 3.40 3.80 3.40	18-May-2021 16-Aug-2021 21-Oct-2021	BUY BUY BUY	3.40 3.20 3.50

Teerapol Udomvej, CFA started covering this stock from 21-Dec-2020

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Asia Aviation	AAV TB	THB 2.84	BUY	Downside risks to our P/BV multiple target price include 1) extraordinary events such as political turmoil and natural disasters; 2) higher-than-expected fuel expenses following an increase in oil prices; and 3) the slower-than-expected recovery of international tourist numbers.

Source: FSSIA estimates

Additional Disclosures

Target price history, stock price charts, valuation and risk details, and equity rating histories applicable to each company rated in this report is available in our most recently published reports. You can contact the analyst named on the front of this note or your representative at Finansia Syrus Securities Public Company Limited

FSSIA may incorporate the recommendations and target prices of companies currently covered by FSS Research into equity research reports, denoted by an 'FSS' before the recommendation. FSS Research is part of Finansia Syrus Securities Public Company Limited, which is the parent company of FSSIA.

All share prices are as at market close on 12-Nov-2021 unless otherwise stated.

RECOMMENDATION STRUCTURE

Stock ratings

Stock ratings are based on absolute upside or downside, which we define as (target price* - current price) / current price.

BUY (B). The upside is 10% or more.

HOLD (H). The upside or downside is less than 10%.

REDUCE (R). The downside is 10% or more.

Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on market price and the formal recommendation.

* In most cases, the target price will equal the analyst's assessment of the current fair value of the stock. However, if the analyst doesn't think the market will reassess the stock over the specified time horizon due to a lack of events or catalysts, then the target price may differ from fair value. In most cases, therefore, our recommendation is an assessment of the mismatch between current market price and our assessment of current fair value.

Industry Recommendations

Overweight. The analyst expects the fundamental conditions of the sector to be positive over the next 12 months.

Neutral. The analyst expects the fundamental conditions of the sector to be maintained over the next 12 months.

Underweight. The analyst expects the fundamental conditions of the sector to be negative over the next 12 months.

Country (Strategy) Recommendations

Overweight (O). Over the next 12 months, the analyst expects the market to score positively on two or more of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Neutral (N). Over the next 12 months, the analyst expects the market to score positively on one of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Underweight (U). Over the next 12 months, the analyst does not expect the market to score positively on any of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.