EQUITIES RESEARCH



Thailand Aviation

Operations to recover with windfall in 4Q22

- Global airline industry has the potential to turn profitable in 2023, according to IATA.
- Lower jet fuel prices and THB appreciation are two short-term catalysts.
- 4Q22 core loss should reduce for AAV but widen for BA due to the BAREIT impact.
- Overweight on sector with BUY rating for AAV (THB3.7 TP) and BA (THB15.6 TP).

Global airline industry to turn around in 2023

According to the International Air Transport Association (IATA), global domestic and international connectivity recovered to 89% and 68% of the pre-Covid levels in Nov-22, respectively. Global airline revenue is expected to recover to 87% of pre-Covid in 2022 and 93% in 2023. Passenger load factor should reach 81% in 2023 (vs 83% in 2019). This should result in the airline industry turning profitable in 2023. Asia Pacific airlines should remain loss making due to the lagging Chinese market, but the loss should significantly reduce in 2023 with an ASK assumption of 75% of pre-Covid next year (vs 51% in 2022).

Two favourable factors to support earnings

Jet fuel spot prices have declined from an average of USD142/bbl in 2Q22 and USD128/bbl in 3Q22 to USD119/bbl QTD4Q22 and USD120/bbl currently. This should support the potential turnaround of Thai airlines given that fuel costs accounted for 29% of AAV's and 16% of BA's total expenses as of 9M22. According to IATA, the spread between jet fuel and Brent should fall next year, premised on an increase in global refining capacity. Note that we assume jet fuel prices of USD110-120/bbl in 2023. In addition, the THB has appreciated against the USD, from THB37.8/USD to THB34.8/USD. This should lead to a reduction in fuel expenses, which are in USD terms. Airlines should also book FX gains from lease liabilities totalling cTHB2.0b-3.0b for AAV and cTHB240m-360m for BA in 4Q22.

4Q22 net profits should turn positive from FX gains

We expect AAV's core loss to reduce to THB0.8b in 4Q22 (vs THB1.2b loss in 3Q22). Passenger volume should recover to 75-80% of the pre-Covid level (vs 52% in 3Q22). AAV has started to collect domestic fuel surcharges of cTHB200-250, or 20-25% of the average domestic ticket fare. Thus, the ticket fare total should exceed pre-Covid in 4Q22. For BA, passenger volume should recover to 60-65% of pre-Covid (vs 58% in 3Q22). The recovery magnitude may not be strong as Nov is the low season for Samui. BA should have no dividend income from BDMS and pay a higher interest expense for the BAREIT transaction. Thus, we expect a core loss of THB0.3b in 4Q22 (vs THB0.1b loss in 3Q22). On a positive note, AAV and BA's net profits should turn positive from the FX gains mentioned above.

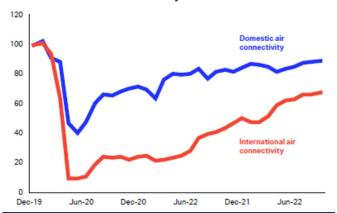
Overweight on sector with catalysts lying ahead

We have a BUY rating for both BA and AAV. We think both stocks can potentially turn profitable next year. Share price catalysts for AAV would be China's reopening (32% revenue contribution in 2019) and lower domestic market competition, while catalysts for BA include the uplift project for Samui Airport (flight capacity expansion and terminal renovation) and a higher passenger yield from focusing more on the Samui route.



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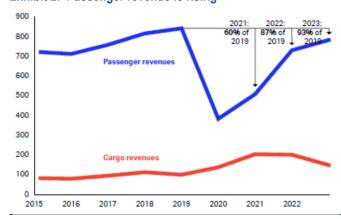
Exhibit 1: Global air connectivity index



Note: 2019 = 100

Source: The International Air Transport Association (IATA)

Exhibit 2: Passenger revenue is rising



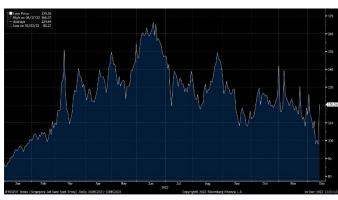
Source: IATA

Exhibit 3: Airline industry is expected to turn around in 2023



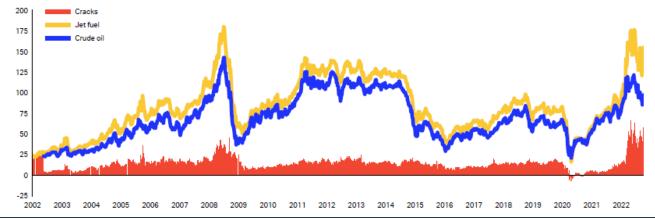
Source: IATA

Exhibit 4: Jet spot prices



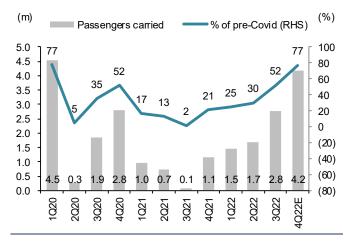
Source: Bloomberg

Exhibit 5: Brent, jet fuel prices and the crack spread



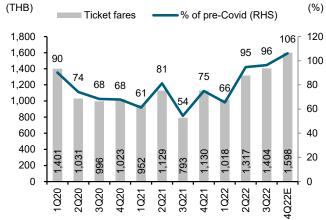
Source: IATA

Exhibit 6: AAV's passenger volume



Sources: AAV; FSSIA estimates

Exhibit 7: AAV's ticket fares



Sources: AAV; FSSIA estimates

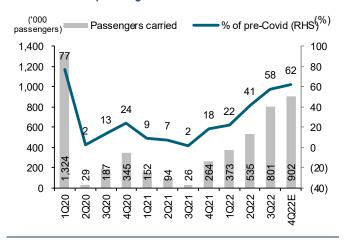
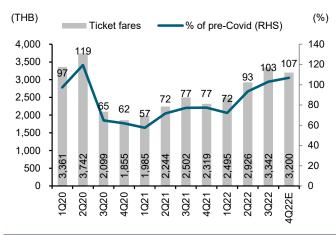


Exhibit 8: BA's passenger volume

Exhibit 9: BA's ticket fares



Sources: BA; FSSIA estimates Sources: BA; FSSIA estimates

Exhibit 10: 4Q22 earnings outlook

Airline	4Q21	1Q22	2Q22	3Q22	4Q22E	Change		FSSIA's 4Q22E views
	(THBm)	(THBm)	(THBm)	(THBm)	(THBm)	(y-y %)	(q-q %)	
Core profit								
AAV	(1,296)	(2,473)	(2,352)	(1,180)	(782)	40	34	Pax volume to recover to 75-80% of pre-Covid level
ВА	(949)	(1,057)	(628)	(138)	(282)	70	(104)	Pax volume to recover to 60-65% of pre-Covid level/ absence of BDMS dividend/ higher interest expenses from BAREIT
Net profit								
AAV	(993)	(2,371)	(4,724)	(4,050)	1,718	273	142	To book FX gain of THB2.0b-3.0b
BA	(141)	(1,020)	(848)	(393)	18	113	105	To book FX gain of THB240m-360m

Source: FSSIA estimates

Exhibit 11: Peer comparisons as of 13 December 2022

Company	BBG	Rec	Share p	orice	Up	Market		PE		PB	V	- EV/ EBI	TDA -
			Current	Target	side	Сар	22E	23E	24E	22E	23E	22E	23E
			(LCY)	(LCY)	(%)	(USD m)	(x)	(x)	(x)	(x)	(x)	(x)	(x)
Thailand													
Bangkok Airways	BA TB	BUY	13.10	15.60	19.1	790	(11.4)	31.7	17.5	2.6	2.4	(251.3)	25.4
Asia Aviation	AAV TB	BUY	3.02	3.70	22.5	1,018	(5.2)	30.2	31.8	2.2	2.3	1,004.7	8.7
Thailand average						1,808	(8.3)	30.9	24.6	2.4	2.3	376.7	17.1
Regional													
Spring Airlines Co Ltd-A	601021 CH	n/a	65.00	n/a	n/a	9,135	n/a	41.3	23.1	5.0	4.5	n/a	21.9
Interglobe Aviation	INDIGO IN	n/a	2,030.45	n/a	n/a	9,427	n/a	421.6	19.6	n/a	n/a	51.4	13.5
Cebu Air Inc	CEB PM	n/a	39.95	n/a	n/a	444	n/a	5.4	n/a	n/a	n/a	n/a	n/a
Singapore Airlines	SIA SP	n/a	5.55	n/a	n/a	12,257	n/a	9.5	14.2	1.5	1.1	11.0	3.4
Japan Airlines	9201 JP	n/a	2,783.00	n/a	n/a	8,874	n/a	29.9	13.2	1.5	1.4	n/a	6.9
Ana Holdings	9202 JP	n/a	2,922.00	n/a	n/a	10,381	n/a	31.2	15.4	1.5	1.6	141.8	8.7
Cathay Pacific Airways	293 HK	n/a	8.76	n/a	n/a	7,194	n/a	17.8	13.3	1.0	0.9	8.9	7.3
Spicejet (India)	SJET IN	n/a	41.45	n/a	n/a	298	n/a	n/a	n/a	n/a	n/a	155.4	n/a
Tigerair Taiwan	6757 TT	n/a	31.30	n/a	n/a	417	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Vietjet Aviation	VJC VN	n/a	112,000	n/a	n/a	2,517	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Regional average						60,945	n/a	79.5	16.5	2.1	1.9	73.7	10.3
Global													
Eva Airways	2618 TT	n/a	27.75	n/a	n/a	4,873	18.6	15.0	51.7	1.7	1.5	4.8	4.5
Air New Zealand	AIR NZ	n/a	0.79	n/a	n/a	1,709	n/a	7.3	9.1	1.3	1.2	192.1	3.4
Air Arabia	AIRARABIA UH	n/a	2.20	n/a	n/a	2,795	8.7	7.9	9.4	1.7	1.6	4.9	4.6
Easyjet (UK)	EZJ LN	n/a	369.80	n/a	n/a	3,467	n/a	15.9	9.2	1.1	1.0	5.7	3.6
Gol Linhas Aereas Intel. (Brazil)	GOLL4 BS	n/a	7.40	n/a	n/a	587	n/a	n/a	9.9	n/a	n/a	10.6	6.3
JetBlue Airways (US, Latin AM)	JBLU	n/a	7.10	n/a	n/a	2,300	n/a	10.0	5.3	0.7	0.6	8.8	3.8
Norwegian Air Shuttle (Norway)	NWARF US	n/a	0.87	n/a	n/a	825	n/a	17.8	7.1	2.3	1.9	11.0	2.9
Southwest Airlines (US)	LUV US	n/a	37.77	n/a	n/a	22,426	16.4	11.7	9.2	2.0	1.7	5.0	4.2
Global average						38,982	14.6	12.3	13.9	1.5	1.4	30.4	4.1
Overall average						101,736	5.4	44.0	16.2	1.9	1.7	91.0	8.1

Sources: Bloomberg consensus; FSSIA estimates

Corporate Governance report of Thai listed companies 2021

	EXCELLENT L	EVEL – Score	range 90-100					
AAV BCPG CPALL	GCAP	K	MSC	PLANET	SAMART	SPI	THRE	TVD
ADVANC BDMS CPF	GFPT	KBANK	MST	PLAT	SAMTEL	SPRC	THREL	TVI
AF BEM CPI	GGC	KCE	MTC	PORT	SAT	SPVI	TIPCO	TVO
AH BGC CPN	GLAND	KKP	MVP	PPS	SC	SSSC	TISCO	TWPC
AIRA BGRIM CRC	GLOBAL	KSL	NCL	PR9	SCB	SST	TK	U
AKP BIZ CSS	GPI	KTB	NEP	PREB	SCC	STA	TKT	UAC
AKR BKI DDD	GPSC	KTC	NER	PRG	SCCC	STEC	TMT	UBIS
ALT BOL DELTA	GRAMMY	LALIN	NKI	PRM	SCG	STI	TNDT	UV
AMA BPP DEMCO	GULF	LANNA	NOBLE	PROUD	SCGP	SUN	TNITY	VGI
AMATA BRR DRT	GUNKUL	LH	NSI	PSH	SCM	SUSCO	TOA	VIH
AMATAV BTS DTAC	HANA	LHFG	NVD	PSL	SDC	SUTHA	TOP	WACOAL
ANAN BTW DUSIT	HARN	LIT	NWR	PTG	SEAFCO	SVI	TPBI	WAVE
AOT BWG EA	HMPRO	LPN	NYT	PTT	SEAOIL	SYMC	TQM	WHA
AP CENTEL EASTW	ICC	MACO	OISHI	PTTEP	SE-ED	SYNTEC	TRC	WHAUP
ARIP CFRESH ECF	ICHI	MAJOR	OR	PTTGC	SELIC	TACC	TRU	WICE
ARROW CHEWA ECL	III	MAKRO	ORI	PYLON	SENA	TASCO	TRUE	WINNER
ASP CHO EE	ILINK	MALEE	OSP	Q-CON	SHR	TCAP	TSC	ZEN
AUCT CIMBT EGCO	ILM	MBK	ОТО	QH	SIRI	TEAMG	TSR	
AWC CK EPG	INTUCH	MC	PAP	QTC	SIS	TFMAMA	TSTE	
AYUD CKP ETC	IP	MCOT	PCSGH	RATCH	SITHAI	TGH	TSTH	
BAFS CM FPI	IRPC	METCO	PDG	RS	SMK	THANA	TTA	
BANPU CNT FPT	ITEL	MFEC	PDJ	S	SMPC	THANI	TTB	
BAY COM7 FSMAR		MINT	PG	S&J	SNC	THCOM	TTCL	
BBL COMAN GBX	JSP	MONO	PHOL	SAAM	SONIC	THG	TTW	
BCP COTTO GC	JWD	MOONG	PLANB	SABINA	SPALI	THIP	TU	
CHICAGO CONTROL CONTRO	VERY GOOD L		<u> </u>	200	PDO	2104	T00	TVG
2S ASIMAR CHOW	FLOYD	IT	LOXLEY	000	RPC	SKY	TCC	TVT
7UP ASK CI	FN	ITD	LRH	OGC	RT BW/	SLP	TCMC	TWP
ABICO ASN CIG	FNS	J	LST	PATO	RWI	SMIT	TEAM	UEC
ABM ATP30 CMC	FORTH	JAS	M	PB	S11	SMT	TFG	UMI
ACE B COLOR	FSS	JCK	MATCH	PICO	SA	SNP	TFI	UOBKH
ACG BA CPL	FTE	JCKH	MBAX	PIMO	SAK	SO SOBKON	TIGER	UP UPF
ADB BAM CPW	FVC	JMART	MEGA	PJW	SALEE	SORKON	TITLE	
AEONTS BC CRD	GEL	JMT	META	PL	SAMCO	SPA	TKN	UPOIC
AGE BCH CSC	GENCO	KBS	MFC	PM	SANKO	SPC	TKS	UTP
AHC BEC CSP	GJS	KCAR	MGT	PMTA	SAPPE	SPCG	TM	VCOM
AIT BEYOND CWT	GYT	KEX	MICRO	PPP	SAWAD	SR	TMC	VL V/DC
ALL BFIT DCC	HEMP	KGI	MILL	PPPM	SCI	SRICHA	TMD	VPO
ALLA BJC DCON	HPT	KIAT	MITSIB	PRIME	SCN	SSC	TMI	VRANDA
ALUCON BJCHI DHOUSI		KISS	MK	PRIN	SCP	SSF	TMILL	WGE
AMANAH BLA DOD	HYDRO	KOOL	MODERN	PRINC	SE	STANLY	TNL	WIIK
AMARIN BR DOHOM		KTIS	MTI	PSG	SFLEX	STGT	TNP	WP
APCO BROOK DV8	IFS	KUMWEL	NBC	PSTC	SFP	STOWER	TOG	XO
APCS CBG EASON	IMH	KUN	NCAP	PT	SFT	STPI	TPA	XPG
APURE CEN EFORL	IND	KWC	NCH	QLT	SGF	SUC	TPAC	YUASA
AQUA CGH ERW	INET	KWM	NETBAY	RBF	SIAM	SWC	TPCS	
ASAP CHARAN ESSO	INSET	L&E	NEX	RCL	SINGER	SYNEX	TPS	
ASEFA CHAYO ESTAR					OICE		TRITN	
ASIA CHG ETE	INSURE	LDC	NINE	RICHY	SKE	TAE		
ASIAN CHOTI FE	IRC	LEO	NRF	RML	SKN	TAKUNI	TRT	
	IRC IRCP GOOD LEVEL	LEO LHK – Score range	NRF NTV ⊋ 70-79	RML ROJNA	SKN SKR	TAKUNI TBSP	TRT TSE	V00
A BGT CITY	IRC IRCP GOOD LEVEL GIFT	LEO LHK - Score range JTS	NRF NTV ⊋ 70-79 MDX	RML ROJNA PK	SKN SKR SGP	TAKUNI TBSP SUPER	TRT TSE TQR	YGG
AI BH CMAN	IRC IRCP GOOD LEVEL GIFT GLOCON	LEO LHK – Score range JTS JUBILE	NRF NTV 70-79 MDX MJD	RML ROJNA PK PLE	SKN SKR SGP SICT	TAKUNI TBSP SUPER SVOA	TRT TSE TQR TTI	YGG ZIGA
AI BH CMAN AIE BIG CMO	IRC IRCP GOOD LEVEL GIFT GLOCON GREEN	LEO LHK – Score range JTS JUBILE KASET	NRF NTV 70-79 MDX MJD MORE	RML ROJNA PK PLE PPM	SKN SKR SGP SICT SIMAT	TAKUNI TBSP SUPER SVOA TC	TRT TSE TQR TTI TYCN	
AI BH CMAN AIE BIG CMO AJ BLAND CMR	IRC IRCP GOOD LEVEL GIFT GLOCON GREEN GSC	LEO LHK - Score range JTS JUBILE KASET KCM	NRF NTV 70-79 MDX MJD MORE MUD	RML ROJNA PK PLE PPM PRAKIT	SKN SKR SGP SICT SIMAT SISB	TAKUNI TBSP SUPER SVOA TC TCCC	TRT TSE TQR TTI TYCN UKEM	
AI BH CMAN AIE BIG CMO AJ BLAND CMR ALPHAX BM CPT	IRC IRCP GOOD LEVEL GIFT GLOCON GREEN GSC GTB	LEO LHK - Score range JTS JUBILE KASET KCM KK	NRF NTV 70-79 MDX MJD MORE MUD NC	PK PLE PPM PRAKIT PRAPAT	SKN SKR SGP SICT SIMAT SISB SK	SUPER SVOA TC TCCC THMUI	TRT TSE TQR TTI TYCN UKEM UMS	
AI BH CMAN AIE BIG CMO AJ BLAND CMR ALPHAX BM CPT AMC BROCK CRANE	IRC IRCP GOOD LEVEL GIFT GLOCON GREEN GSC GTB HTECH	LEO LHK - Score range JTS JUBILE KASET KCM KK KKC	NRF NTV 70-79 MDX MJD MORE MUD NC NDR	PK PLE PPM PRAKIT PRAPAT PRECHA	SKN SKR SGP SICT SIMAT SISB SK SMART	SUPER SVOA TC TCCC THMUI TNH	TRT TSE TQR TTI TYCN UKEM UMS UNIQ	
AI BH CMAN AIE BIG CMO AJ BLAND CMR ALPHAX BM CPT AMC BROCK CRANE APP BSBM CSR	IRC IRCP GOOD LEVEL GIFT GLOCON GREEN GSC GTB HTECH HUMAN	LEO LHK - Score range JTS JUBILE KASET KCM KK KKC KWI	NRF NTV 70-79 MDX MJD MORE MUD NC NDR NFC	PK PLE PPM PRAKIT PRAPAT PRECHA PTL	SKN SKR SGP SICT SIMAT SISB SK SMART SOLAR	SUPER SVOA TC TCCC THMUI TNH TNR	TRT TSE TQR TTI TYCN UKEM UMS UNIQ UPA	
AI BH CMAN AIE BIG CMO AJ BLAND CMR ALPHAX BM CPT AMC BROCK CRANE APP BSBM CSR AQ BSM D	IRC IRCP GOOD LEVEL GIFT GLOCON GREEN GSC GTB HTECH HUMAN IHL	LEO LHK - Score range JTS JUBILE KASET KCM KK KKC KWI KYE	NRF NTV 70-79 MDX MJD MORE MUD NC NDR NFC NNCL	PK PLE PPM PRAKIT PRAPAT PRECHA PTL RJH	SKN SKR SGP SICT SIMAT SISB SK SMART SOLAR SPACK	SUPER SVOA TC TCCC THMUI TNH TNR TOPP	TRT TSE TQR TTI TYCN UKEM UMS UNIQ UPA UREKA	
AI BH CMAN AIE BIG CMO AJ BLAND CMR ALPHAX BM CPT AMC BROCK CRANE APP BSBM CSR AQ BSM D ARIN BTNC EKH	IRC IRCP GOOD LEVEL GIFT GLOCON GREEN GSC GTB HTECH HUMAN IHL IIG	LEO LHK - Score range JTS JUBILE KASET KCM KK KKC KWI KYE LEE	NRF NTV 2 70-79 MDX MJD MORE MUD NC NDR NFC NNCL NOVA	PK PLE PPM PRAKIT PRAPAT PRECHA PTL RJH RP	SKN SKR SGP SICT SIMAT SISB SK SMART SOLAR SPACK SPG	SUPER SVOA TC TCCC THMUI TNH TNR TOPP TPCH	TRT TSE TQR TTI TYCN UKEM UMS UNIQ UPA UREKA VIBHA	
AI BH CMAN AIE BIG CMO AJ BLAND CMR ALPHAX BM CPT AMC BROCK CRANE APP BSBM CSR AQ BSM D ARIN BTNC EKH AS BYD EMC	IRC IRCP GOOD LEVEL GIFT GLOCON GREEN GSC GTB HTECH HUMAN IHL IIG INGRS	LEO LHK - Score range JTS JUBILE KASET KCM KK KKC KWI KYE LEE LPH	NRF NTV 70-79 MDX MJD MORE MUD NC NDR NFC NNCL NOVA NPK	PK PLE PPM PRAKIT PRAPAT PRECHA PTL RJH RP RPH	SKN SKR SGP SICT SIMAT SISB SK SMART SOLAR SPACK SPG SQ	SUPER SVOA TC TCCC THMUI TNH TNR TOPP TPCH TPIPL	TRT TSE TQR TTI TYCN UKEM UMS UNIQ UPA UREKA VIBHA W	
AI BH CMAN AIE BIG CMO AJ BLAND CMR ALPHAX BM CPT AMC BROCK CRANE APP BSBM CSR AQ BSM D ARIN BTNC EKH AS BYD EMC AU CAZ EP	IRC IRCP GOOD LEVEL GIFT GLOCON GREEN GSC GTB HTECH HUMAN IHL IIG INGRS INOX	LEO LHK - Score range JTS JUBILE KASET KCM KK KKC KWI KYE LEE LPH MATI	NRF NTV 70-79 MDX MJD MORE MUD NC NDR NFC NNCL NOVA NPK NUSA	PK PLE PPM PRAKIT PRECHA PTL RJH RP RPH RSP	SKN SKR SGP SICT SIMAT SISB SK SMART SOLAR SPACK SPG SQ SSP	SUPER SVOA TC TCCC THMUI TNH TNR TOPP TPCH TPIPL TPIPP	TRT TSE TQR TTI TYCN UKEM UMS UNIQ UPA UREKA VIBHA W WIN	
AI BH CMAN AIE BIG CMO AJ BLAND CMR ALPHAX BM CPT AMC BROCK CRANE APP BSBM CSR AQ BSM D ARIN BTNC EKH AS BYD EMC	IRC IRCP GOOD LEVEL GIFT GLOCON GREEN GSC GTB HTECH HUMAN IHL IIG INGRS	LEO LHK - Score range JTS JUBILE KASET KCM KK KKC KWI KYE LEE LPH	NRF NTV 70-79 MDX MJD MORE MUD NC NDR NFC NNCL NOVA NPK	PK PLE PPM PRAKIT PRAPAT PRECHA PTL RJH RP RPH	SKN SKR SGP SICT SIMAT SISB SK SMART SOLAR SPACK SPG SQ	SUPER SVOA TC TCCC THMUI TNH TNR TOPP TPCH TPIPL	TRT TSE TQR TTI TYCN UKEM UMS UNIQ UPA UREKA VIBHA W	

Disclaimer:

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.

Sources: Thai Institute of Directors Association (IOD); FSSIA's compilation; data as of 26 October 2021

^{*} 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, and corruption SEC imposed a civil sanction against insider trading of director and executive

Anti-corruption Progress Indicator

CERTIFIED										
2S	BCH	CPALL	GC	K	MFC	PE	QLT	SNP	THCOM	TU
7UP	BCP	CPF	GCAP	KASET	MFEC	PG	QTC	SORKON	THIP	TVD
ADVANC	BCPG	CPI	GEL	KBANK	MILL	PHOL	RATCH	SPACK	THRE	TVI
AF	BE8	CPN	GFPT	KBS	MINT	PK	RML	SPALI	THREL	TVO
Al	BEYOND	CSC	GGC	KCAR	MONO	PL	RWI	SPC	TIDLOR	TWPC
AIE	BGC	DCC	GJS	KCE	MOONG	PLANB	S & J	SPI	TIPCO	U
AIRA	BGRIM	DELTA	GPI	KGI	MSC	PLANET	SAAM	SPRC	TISCO	UBE
AKP	BJCHI	DEMCO	GPSC	KKP	MST	PLAT	SABINA	SRICHA	TKS	UBIS
ALPHAX	BKI	DIMET	GSTEEL	KSL	MTC	PM	SAPPE	SSF	TKT	UEC
AMA	BLA	DRT	GUNKUL	KTB	MTI	PPP	SAT	SSP	TMD	UKEM
AMANAH	BPP	DTAC	HANA	KTC	NBC	PPPM	SC	SSSC	TMILL	UOBKH
AMATA	BROOK	DUSIT	HARN	KWC	NEP	PPS	SCB	SST	TMT	UPF
AMATAV	BRR	EA	HEMP	KWI	NINE	PR9	SCC	STA	TNITY	UV
AP	BSBM	EASTW	HENG	L&E	NKI	PREB	SCCC	STOWER	TNL	VGI
APCS	BTS	ECL	HMPRO	LANNA	NMG	PRG	SCG	SUSCO	TNP	VIH
AQUA	BWG	EGCO	HTC	LH	NNCL	PRINC	SCN	SVI	TNR	WACOAL
ARROW	CEN	EP	ICC	LHFG	NOBLE	PRM	SEAOIL	SYMC	TOG	WHA
AS	CENTEL	EPG	ICHI	LHK	NOK	PROS	SE-ED	SYNTEC	TOP	WHAUP
ASIAN	CFRESH	ERW	IFEC	LPN	NSI	PSH	SELIC	TAE	TOPP	WICE
ASK	CGH	ESTAR	IFS	LRH	NWR	PSL	SENA	TAKUNI	TPA	WIIK
ASP	CHEWA	ETE	ILINK	М	OCC	PSTC	SGP	TASCO	TPP	XO
AWC	CHOTI	FE	INET	MAKRO	OGC	PT	SINGER	TBSP	TRU	ZEN
AYUD	CHOW	FNS	INSURE	MALEE	ORI	PTG	SIRI	TCAP	TRUE	
В	CIG	FPI	INTUCH	MATCH	PAP	PTT	SITHAI	TCMC	TSC	
BAFS	CIMBT	FPT	IRC	MBAX	PATO	PTTEP	SKR	TFG	TSTE	
BAM	CM	FSMART	IRPC	MBK	PB	PTTGC	SMIT	TFI	TSTH	
BANPU	CMC	FSS	ITEL	MC	PCSGH	PYLON	SMK	TFMAMA	TTA	
BAY	COM7	FTE	IVL	MCOT	PDG	Q-CON	SMPC	TGH	TTB	
BBL	COTTO	GBX	JKN	META	PDJ	QH	SNC	THANI	TTCL	
DECLARED										
AJ	CHG	DDD	ETC	JR	MAJOR	NUSA	RS	SSS	TQM	YUASA
ALT	CPL	DHOUSE	FLOYD	JTS	NCAP	NYT	SAK	STECH	TSI	ZIGA
APCO	CPR	DOHOME	GULF	KEX	NCL	OR	SCGP	STGT	VARO	
B52	CPW	ECF	III	KUMWEL	NOVA	PIMO	SCM	TKN	VCOM	
BEC	CRC	EKH	INOX	LDC	NRF	PLE	SIS	TMI	VIBHA	

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

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Note: Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of 26 October 2021) are categorised into: 1) companies that have declared their intention to join CAC, and; 2) companies certified by CAC.

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

GENERAL DISCLAIMER

ANALYST(S) CERTIFICATION

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

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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
21-Dec-2020 29-Mar-2021 18-May-2021	BUY BUY BUY	3.40 3.80 3.40	16-Aug-2021 21-Oct-2021 07-Jun-2022	BUY BUY BUY	3.20 3.50 3.40	31-Oct-2022	BUY	3.70

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

Price and TP are in local currency

Source: FSSIA estimates

Bangkok Airways (BA TB) Dec-19 Jun-20 Dec-20 Jun-21 Dec-21 Jun-22 Dec-22 16 14 12 10 8 6 4 2 Bangkok Airways Target Price (THB) -Rating Rating Rating Date Target price Date Target price Date Target price 15.00 04-Jun-2021 BUY 01-Sep-2022 BUY 10.00 BUY 20-Oct-2022 BUY 15.60 25-Jun-2021 16.00

Teerapol Udomvej, CFA started covering this stock from 04-Jun-2021

Price and TP are in local currency

Source: FSSIA estimates

Bangkok Dusit Medical Services (BDMS TB) Dec-19 Jun-20 Dec-20 Jun-21 Dec-21 Jun-22 Dec-22 35 30 25 20 15 10 **Bangkok Dusit Medical Services** Target Price (THB) Date Rating Target price Date Rating Target price Date Rating Target price BUY BUY BUY BUY 30-Jul-2020 28.00 11-May-2021 28.00 19-Apr-2022 31.00

BUY

29.00

06-Oct-2022

33.00

Teerapol Udomvej, CFA started covering this stock from 30-Jul-2020

27.00

24-Jun-2021

BUY

Price and TP are in local currency

Source: FSSIA estimates

24-Nov-2020

Company	Ticker	Price	Rating	Valuation & Risks
Asia Aviation	AAV TB	THB 3.02	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.
Bangkok Airways	ВА ТВ	THB 13.10	BUY	Downside risks to our SoTP-based TP 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.
Bangkok Dusit Medical Services	BDMS TB	THB 28.00	BUY	Downside risks to our DCF-based target price include 1) a slowdown in international patients due to economic concerns, political protests or floods; 2) regulatory risks from drug price and medical bill controls; and 3) higher-than-expected capex and opex for CoE projects.

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

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 13-Dec-2022 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.