

# BANGKOK AIRWAYS

## THAILAND / TRANSPORT & LOGISTICS

BA TB

### พื้นหลังฟัน

- ปริมาณผู้โดยสารจะฟื้นตัวต่อเนื่องในเดือน ก.พ. พร้อมการกลับมาของมาตรการ Test & Go
- การขายคืน Treasury stocks นำจะสำเร็จภายในเดือนนี้
- คงแนะนำซื้อจากราคาหุ้นที่ยังไม่แพงพร้อมโอกาสที่จะมี Upside

### สัญญาณการฟื้นตัวเป็นบวกใน 4Q21

ปริมาณผู้โดยสารที่สนามบินสมุยฟื้นตัวสอดคล้องกับการฟื้นตัวของอุตสาหกรรมท่องเที่ยวไทย โดยผู้โดยสารในประเทศที่สนามบินสมุยฟื้นตัวเป็นประมาณ 30% ของระดับก่อน Covid ใน 4Q21 โดยกระทบขึ้นเป็นประมาณ 50-60% ในเดือน ธ.ค. ในขณะที่ผู้โดยสารต่างประเทศที่สนามบินสมุยฟื้นตัวเป็นประมาณ 10% ของระดับก่อน Covid ในเดือน ธ.ค. 21 อย่างไรก็ต้องตัวเลขดังกล่าวชะลอตัวลงเหลือ 4% ของระดับก่อน Covid ในเดือน ม.ค. จากการระงับมาตรการ Test & Go ชั่วคราว ระดับการฟื้นตัวสอดคล้องกับปริมาณผู้โดยสารของ AOT โดยมีการฟื้นตัวของผู้โดยสารในประเทศเป็น 59% และการฟื้นตัวของผู้โดยสารต่างชาติเป็น 6% ของระดับก่อน Covid

### สนามบินสมุยจะนำการพลิกฟื้น

BA ได้รวมสนามบินสมุยและรัฐค่าธรรมเนียมการลงจอดมาตั้งแต่ 3Q21 สนามบินสมุยจะพลิกเป็นกำไรเมื่อปริมาณผู้โดยสารฟื้นตัวเป็นประมาณ 30% ของระดับก่อน Covid โดยอาจให้ EBIT มากถึง 1.2 พัน ลบ. เมื่อปริมาณผู้โดยสารกลับไปในระดับในปี 2019 การฟื้นตัวดังกล่าวจะเป็นปัจจัยหนุนสำคัญแก่การพลิกฟื้นกลับมาทำกำไรของ BA

### ได้รับเงิน 0.4-0.5 พัน ลบ. จากการขายคืน Treasury stock

ราคาหุ้นของ BA ได้ปรับลดลงจากจุดสูงสุดที่ 12.9 บาท/หุ้นถึง 26% ในช่วง 5 เดือนที่ผ่านมา จากแรงกดดันของโควิดสายพันธุ์ Omicron และการขายคืน Treasury stock จำนวน 40 ล้านหุ้น (1.9% ของหุ้นชำระแล้ว) จนถึงขณะนี้ BA ได้ขายหุ้นไปแล้ว 32.2 ล้านหุ้น BA นำทางได้เงินประมาณ 0.4-0.5 พัน ลบ. จากการขายคืนดังกล่าวเพื่อใช้เป็นเงินทุนหมุนเวียน หลังการขายคืนสิ้นสุดซึ่งอาจเป็นภัยในอาทิตย์หน้า หรือภายในเดือนนี้เป็นอย่างช้า เราคาดว่าราคาหุ้นจะค่อยๆ ดีดกลับสู่จุดสูงสุดก่อนหน้าจากการกลับมาของมาตรการ Test & Go ในเดือน ก.พ.

### การประเมินมูลค่าอยู่ในระดับต่ำ; แม้ในกรณีเลวร้ายราคาหุ้นยังมี Upside

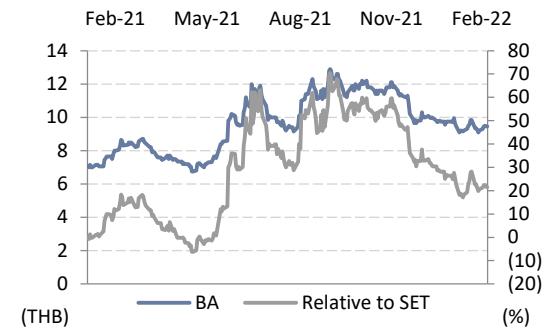
เราคงราคาเป้าหมายที่ 16 บาท (SoTP) ซึ่งคิดจาก 1) 20x ของค่า P/E สำหรับธุรกิจสนามบินและธุรกิจที่เกี่ยวข้อง; 2) การประเมินมูลค่า BDMS และ BAES จากราคาเป้าหมายที่ 29 และ 40 บาทพร้อมอัตราส่วนลดที่ 20%; 3) 0.7x ของค่า P/BV สำหรับธุรกิจสายการบิน; และ 4) 12x ของค่า P/E สำหรับธุรกิจขนส่งสินค้า น้ำจุบัน BA มีการซื้อขายในระดับที่น่าสนใจที่ 12x ของค่า 2023E P/E และอาจปรับขึ้นเป็น 25-35x ของค่า P/E ซึ่งเป็นช่วงการประเมินมูลค่าของธุรกิจสนามบิน เราได้ทำการวิเคราะห์ความเป็นไปได้ในสถานการณ์ต่าง ๆ และพบว่าแม้แต่ราคาเป้าหมายในกรณีเลวร้ายที่ 11.7 บาทยังสูงกว่าราคาหุ้นในปัจจุบัน ในขณะที่ราคabea หมายในกรณีที่ต้องสูญเสียหุ้นที่ 21 บาท ซึ่งถือว่ามี Upside จากราคาหุ้นตรงนี้พอดี

**BUY**  
UNCHANGED

TARGET PRICE	THB16.00
CLOSE	THB9.45
UP/DOWNSIDE	+69.3%
PRIOR TP	THB16.00
CHANGE IN TP	UNCHANGED
TP vs CONSENSUS	+30.9%

### KEY STOCK DATA

YE Dec (THB m)	2020	2021E	2022E	2023E
Revenue	7,666	2,596	15,692	24,440
Net profit	(3,639)	(9,634)	61	1,631
EPS (THB)	(1.73)	(4.59)	0.03	0.78
vs Consensus (%)	-	nm	nm	704.1
EBITDA	(2,733)	(2,442)	1,740	3,461
Core net profit	(4,316)	(3,634)	61	1,631
Core EPS (THB)	(2.06)	(1.73)	0.03	0.78
Chg. In EPS est. (%)	nm	nm	0.0	0.0
EPS growth (%)	nm	nm	nm	nm
Core P/E (x)	(4.6)	(5.5)	323.3	12.2
Dividend yield (%)	-	-	0.2	4.9
EV/EBITDA (x)	(14.3)	(17.7)	22.3	9.8
Price/book (x)	1.0	1.2	1.2	1.1
Net debt/Equity (%)	97.7	147.0	119.2	79.3
ROE (%)	(17.4)	(20.4)	0.4	9.7



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	(2.6)	(18.5)	42.1
Relative to country (%)	(3.5)	(20.9)	27.0
Mkt cap (USD m)			599
3m avg. daily turnover (USD m)			1.0
Free float (%)			36
Major shareholder	Prasarttong-Osoth Puttipong (20%)		
12m high/low (THB)			13.00/6.35
Issued shares (m)			2,100.00

Sources: Bloomberg consensus; FSSIA estimates

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The Chairman of The Audit Committee and Independent Director of Finansia Syrus Securities PCL is also BA's Director.

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## Investment thesis

BA expects to turn its airline business around by focusing more on its Samui route (accounted for 48% of passenger revenue in 2019), which commands a higher yield than other routes. BA also plans to reduce its fleet and cut some expenses. This should support its earnings visibility in the long run.

BA's non-airline business contributes more than half of its gross profit and should be a key driver for the company, especially the airport business based on the U-Tapao Airport project, of which BA holds a 45% stake, and Samui Airport.

Rising revenue from its airport business should be a key catalyst for BA as it would reduce the earnings volatility from its airline business.

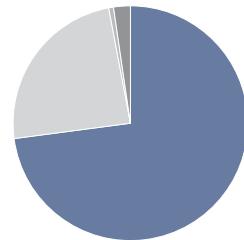
## Company profile

BA offers air transportation services. The company operates flights and airports to various resort destinations, including Thailand, CLMV, China and India.

[www.bangkokair.com](http://www.bangkokair.com)

## Principal activities (revenue, 2020)

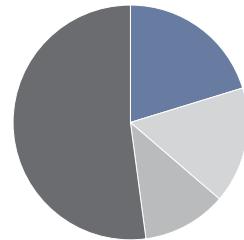
- Air fares - 72.9 %
- Revenue from sales and services - 24.1 %
- Freight - 0.7 %
- Passenger services - 2.3 %



Source: Bangkok Airways

## Major shareholders

- Prasarttong-Osoth Puttipong - 20.3 %
- Prasarttong-Osoth Prasert - 16.0 %
- Prasarttong-Osoth Ariya - 11.6 %
- Others - 52.1 %



Source: Bangkok Airways

## Catalysts

Key potential growth drivers include 1) a higher number of passengers carried following a global tourism recovery; 2) lower jet fuel prices; and 3) Covid vaccine rollouts.

## Risks to our call

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.

## Key assumptions

	2021E	2022E	2023E
Number of aircraft (no.)	36	30	30
Pax carried (m)	0.5	3.8	5.5
Load factor (%)	62.0	68.0	70.0
Average ticket fare (THB)	1,928	2,988	3,287
Fuel price net hedging (USD/bbl)	77.9	80.7	85.3
THB/USD	32.0	32.0	32.0

Source: FSSIA estimates

## Earnings sensitivity

- For every 1% increase in load factor, we project a 2023 profit increase of 12% and vice versa, all else being equal.
- For every 1% increase in average ticket fare, we project a 2023 profit increase of 8% and vice versa, all else being equal.
- For every 1% increase in Brent spot price, we project a 2023 profit reduction of 2% and vice versa, all else being equal.

Source: FSSIA estimates



## Limited downside with potential upside from current share price

### Base case valuation

We maintain our SoTP-based TP of THB16/shr based on 1) the airport and airport-related business pegged to 20x P/E; 2) the valuation of Bangkok Dusit Medical Services (BDMS TB, BUY) and Bangkok Aviation Fuel Services (BAFS TB, BUY) based on our TPs of THB29/shr and THB40/shr, with a 20% holding discount applied; 3) the airline business pegged to 0.7x P/BV; and 4) the cargo business pegged to 12x P/E.

We would like to highlight its airport business. Previously, before consolidating to BA, Samui Airport was subleased to Samui Airport Property Fund (SPF) and used to trade at cTHB23-25b in 2017-19. Thus, we believe the market will give a premium valuation to Samui Airport under BA post Covid pandemic premised on 1) the assets of Samui Airport belong to BA, unlike SPF that only had a sublease contract; 2) Samui Airport is currently seeking permission to increase the flight volume capacity from 50 to 70 flights/day; and 3) the potential renovation of Samui Airport would lift non-aero revenue. Therefore, we see our valuation of the airport and airport-related business at THB22b as conservative.

### Bull case valuation

Under our bull case valuation, we value the airport and airport-related business at THB30b based on a 2023E profit of THB1.2b (relatively in line with pre-Covid profit) and pegged at a 25x P/E multiple, compared to the airport business that is trading at 32x P/E. Meanwhile, we raise our P/E and P/BV multiples for other businesses. Thus, our bull case TP would be THB21/shr.

### Bear case valuation

Under our bear case valuation, we value the airport and airport-related business at the same value as the termination of the lease contract with SPF at THB18.1b. In our view, this is an unjustified valuation, given that the value of the termination fee is based on 15 years remaining to the sublease contract only and does not account for the hidden asset value and terminal value. We also value BDMS and BAFS at the current market prices. Our bear case TP would be THB11.7/shr, still higher than BA's current share price, suggesting a limited downside for the company, in our view.

Note that our three valuations exclude the U-Tapao project which would add an upside to our TP of cTHB3.0/shr for the first phase of the project based on an IRR of 12%.

### Exhibit 1: Base case SoTP valuation

SoTP Base case	(THB b)	(THB/share)	Comments
BDMS	19.2	9.2	Fair price at our TP THB29/shr with 20% holding discount
BAFS	2.0	1.0	Fair price at our TP THB40/shr with 20% holding discount
Airport business	22.0	10.5	Net profit THB1.1b and pegged at 20x P/E multiple
Airline business	2.4	1.2	0.7x P/BV multiple of THB3.5b owned aircraft book value
Cargo business	6.0	2.9	Share income of THB0.5b and pegged at 12x P/E multiple
Net Interest-bearing debt	(18.1)	(8.6)	At end 2022E
<b>Total value</b>	<b>33.6</b>	<b>16.0</b>	

Source: FSSIA estimates

### Exhibit 2: Bull case SoTP valuation

SoTP Bull case	(THB b)	(THB/share)	Comments
BDMS	19.2	9.2	Fair price at our TP THB29/shr with 20% holding discount
BAFS	2.0	1.0	Fair price at our TP THB40/shr with 20% holding discount
Airport business	30.0	14.3	Net profit THB1.2b and pegged at 25x P/E multiple
Airline business	3.5	1.7	1.0x P/BV multiple of THB3.5b owned aircraft book value
Cargo business	7.5	3.6	Share income of THB0.5b and pegged at 15x P/E multiple
Net Interest-bearing debt	(18.1)	(8.6)	At end 2022E
<b>Total value</b>	<b>44.2</b>	<b>21.0</b>	

Source: FSSIA estimates

### Exhibit 3: Bear case SoTP valuation

SoTP bear case	(THB b)	(THB/share)	Comments
BDMS	14.8	7.0	Market price at THB22.3/shr with 20% holding discount
BAFS	1.4	0.7	Market price at THB27.50/shr with 20% holding discount
Airport business	18.1	8.6	Equivalent to termination of SPF agreement
Airline business	2.4	1.2	0.7x P/BV multiple of THB3.5b owned aircraft book value
Cargo business	6.0	2.9	Share income of THB0.5b and pegged at 12x P/E multiple
Net Interest-bearing debt	(18.1)	(8.6)	At end 2022E
<b>Total value</b>	<b>24.6</b>	<b>11.7</b>	

Source: FSSIA estimates

## 4Q21 results forecast

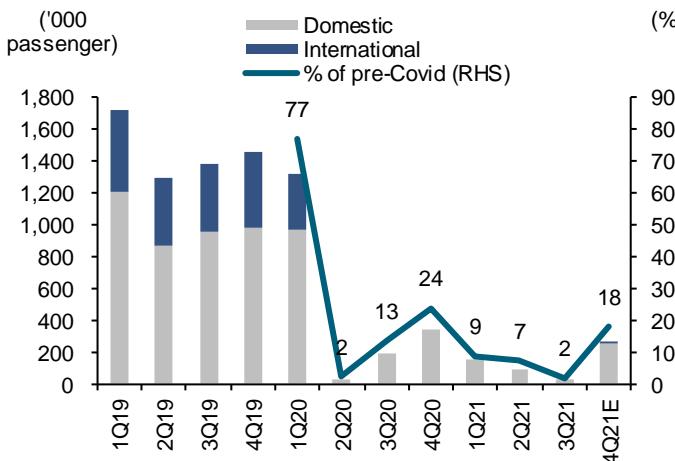
We expect the passenger volume to improve from 2% of the pre-Covid level to 18% of the pre-Covid level in 4Q21, driven mainly by domestic passengers. Load factor should also improve from 35% in 3Q21 to 62% in 4Q21. Airline operations should improve q-q. Airport operations should also improve q-q from higher passenger service charges and landing and parking fees. In addition, BA did not have to pay a lease payment to SPF in 4Q21 as the lease contract with SPF has already been terminated. In 4Q21, BA will book dividend income from BDMS of cTHB0.2b. Overall, we estimate BA's core loss to narrow to THB0.8b in 4Q21 from the THB1.3b core loss in 3Q21.

### Exhibit 4: 4Q21 results forecast

	4Q20	1Q21	2Q21	3Q21	4Q21E	Change		2021E
	(THB m)	(q-q %)	(y-y %)	(THB m)				
Sales	1,056	671	573	401	1,120	179	6	2,596
- Passenger revenue	640	302	211	66	676	927	6	8,750
- Other revenue	416	369	362	335	444	33	7	2,986
Expense	(2,321)	(1,866)	(1,837)	(1,823)	(2,199)	21	(5)	(7,441)
<b>Operating profit</b>	<b>(1,265)</b>	<b>(1,195)</b>	<b>(1,264)</b>	<b>(1,422)</b>	<b>(1,079)</b>	<b>(24)</b>	<b>(15)</b>	<b>(4,845)</b>
Dividend income	0	0	568	0	186	nm	nm	
Net other income	318	438	109	179	140	(22)	(56)	1,357
Interest income	1	1	2	0	0	0	(55)	22
Interest expense	(255)	(335)	(365)	(298)	(254)	(15)	(0)	(1,205)
<b>Pretax profit</b>	<b>(1,200)</b>	<b>(1,091)</b>	<b>(949)</b>	<b>(1,541)</b>	<b>(1,006)</b>	<b>(35)</b>	<b>(16)</b>	<b>(4,671)</b>
Income tax	(71)	102	5	78	50	(36)	(171)	320
Associates	145	152	153	108	112	3	(23)	677
Minority interest	9	11	12	10	10	0	13	40
<b>Core profit</b>	<b>(1,117)</b>	<b>(826)</b>	<b>(779)</b>	<b>(1,346)</b>	<b>(834)</b>	<b>(38)</b>	<b>(25)</b>	<b>(3,634)</b>
Extraordinaries	717	80	93	(5,631)	0			(6,000)
- FX	245	(167)	(96)	(289)	0			0
- Derivative	20	248	189	93	0			0
- Others	451	0	0	(5,435)	0			(6,000)
<b>Net profit</b>	<b>(401)</b>	<b>(746)</b>	<b>(686)</b>	<b>(6,977)</b>	<b>(834)</b>	<b>(88)</b>	<b>108</b>	<b>(9,634)</b>
Shares out (end Q, m)	2,100	2,100	2,100	2,100	2,100	0	0	2,100
<b>Pre-ex EPS</b>	<b>(0.53)</b>	<b>(0.39)</b>	<b>(0.37)</b>	<b>(0.64)</b>	<b>(0.40)</b>	<b>(38)</b>	<b>(25)</b>	<b>(1.73)</b>
<b>EPS</b>	<b>(0.19)</b>	<b>(0.36)</b>	<b>(0.33)</b>	<b>(3.32)</b>	<b>(0.40)</b>	<b>(88)</b>	<b>108</b>	<b>(4.59)</b>
Depreciation	(657)	(613)	(591)	(567)	(567)	0	(14)	(2,403)
EBITDA	(609)	(582)	(673)	(855)	(512)	(40)	(16)	(2,442)
<b>Key Ratios</b>						<b>(ppt)</b>	<b>(ppt)</b>	
Operating profit margin (%)	(120)	(178)	(221)	(355)	(96)	258	23	(187)
EBITDA margin (%)	(58)	(87)	(118)	(213)	(46)	168	12	(94)
Net profit margin (%)	(38)	(111)	(120)	(1,740)	(75)	1,666	(37)	(371)
<b>Operating stats</b>								
Passenger carried (m)	0.3	0.2	0.1	0.0	0.3			
Load factor (%)	66	59	58	35	62			
RPK (m seats-km)	210	92	55	15	158			
ASK (m seats-km)	319	156	94	41	255			
Average fare (THB)	1,855	1,985	2,244	2,502	2,600			
RASK (THB)	2.9	4.9	3.6	6.0	3.2			
CASK (THB)	5.5	9.2	14.7	33.2	6.4			
CASK ex-fuel (THB)	4.9	8.7	14.2	32.6	5.7			

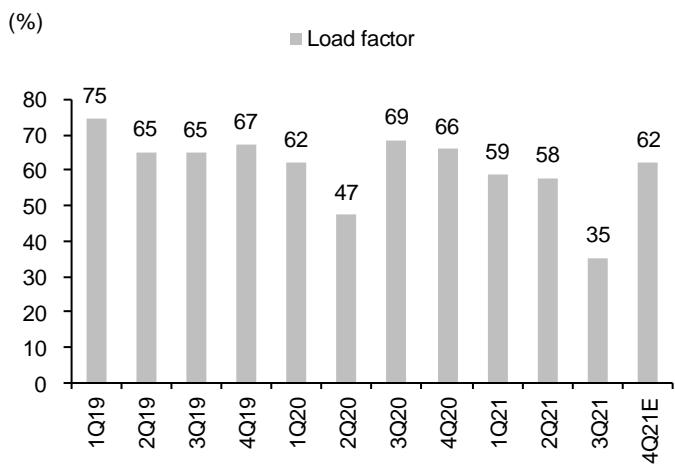
Sources: BA; FSSIA estimates

### Exhibit 5: Passengers carried



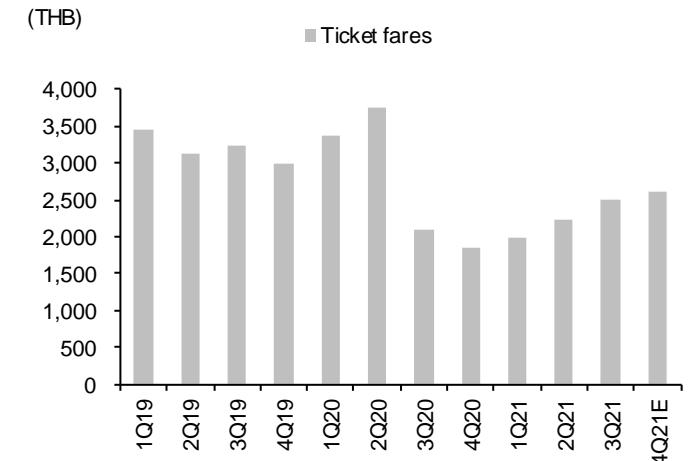
Sources: BA; FSSIA estimates

### Exhibit 7: Load factor



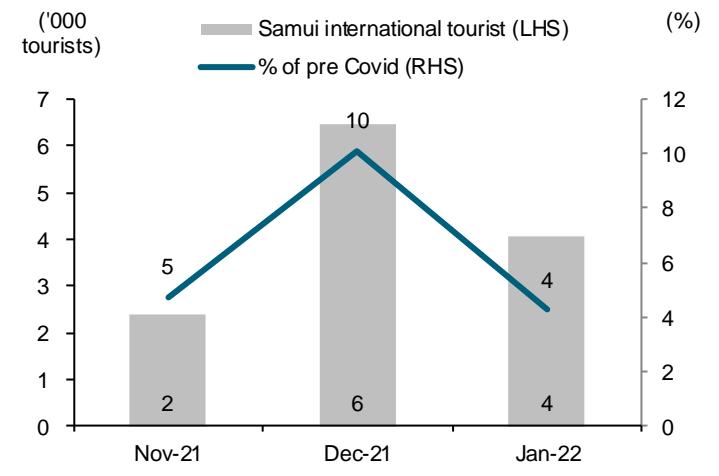
Sources: BA; FSSIA estimates

### Exhibit 6: Ticket fares



Sources: BA; FSSIA estimates

### Exhibit 8: The recovery of Samui's international passengers



Sources: Ministry of Tourism and Sports; Center for COVID-19 Situation Administration; SPF

## Exhibit 9: Peers comparison, airline sector as of 4 February 2022

Company	BBG	Rec	---Share price---		Up	Market	-----PE-----			--- PBV ---			-----EV/EBITDA-----		
			Current	Target			Cap	21E	22E	23E	21E	22E	21E	22E	23E
			(LCY)	(LCY)	(%)	(USD m)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
<b>Thailand</b>															
Bangkok Airways	BA TB	BUY	9.45	16	69.3	599	(5.5)	323.2	12.2	1.2	1.2	(17.7)	22.3	8.1	
Asia Aviation	AAV TB	BUY	2.54	3.5	37.8	893	(2.7)	(21.4)	16.8	1.4	1.4	(31.5)	12.6	4.6	
<b>Thailand average</b>						<b>1,492</b>	<b>(4.1)</b>	<b>150.9</b>	<b>14.5</b>	<b>1.3</b>	<b>1.3</b>	<b>(24.6)</b>	<b>17.5</b>	<b>6.4</b>	
<b>Regional</b>															
Spring Airlines Co Ltd-A	601021 CH	n/a	56.85	n/a	n/a	8,267	127.2	42.5	30.4	3.6	3.3	38.1	19.2	15.2	
Interglobe Aviation	INDIGO IN	n/a	1,974.35	n/a	n/a	11,064	n/a	n/a	41.7	65.0	n/a	n/a	145.1	11.0	
Airasia Group Bhd	AAGB MK	n/a	0.58	n/a	n/a	567	n/a	n/a	8.1	n/a	n/a	n/a	17.7	7.0	
Cebu Air Inc	CEB PM	n/a	46.00	n/a	n/a	553	n/a	n/a	n/a	3.9	11.3	n/a	10.4	n/a	
Singapore Airlines	SIA SP	n/a	5.10	n/a	n/a	11,375	n/a	n/a	n/a	1.2	1.3	n/a	16.6	7.5	
Japan Airlines	9201 JP	n/a	2,295.00	n/a	n/a	8,705	n/a	n/a	59.9	1.0	1.3	n/a	n/a	6.6	
Ana Holdings	9202 JP	n/a	2,603.50	n/a	n/a	10,838	n/a	n/a	51.5	1.3	1.3	n/a	51.4	9.3	
Cathay Pacific Airways	293 HK	n/a	6.60	n/a	n/a	5,535	n/a	n/a	16.3	0.8	0.8	14.4	7.5	5.7	
Spicejet (India)	SJET IN	n/a	60.35	n/a	n/a	493	n/a	n/a	n/a	n/a	n/a	27.3	n/a	12.3	
Tigerair Taiwan	6757 TT	n/a	30.85	n/a	n/a	483	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
Vietjet Aviation	VJC VN	n/a	121,900	n/a	n/a	3,113	n/a	56.8	22.6	n/a	n/a	n/a	27.5	14.5	
<b>Regional average</b>						<b>60,993</b>	<b>127.2</b>	<b>49.6</b>	<b>32.9</b>	<b>11.0</b>	<b>3.2</b>	<b>812.9</b>	<b>36.9</b>	<b>9.9</b>	
<b>Global</b>															
Eva Airways	2618 TT	n/a	24.00	n/a	n/a	4,875	40.8	11.3	13.4	1.7	1.5	5.8	4.5	4.3	
Air New Zealand	AIR NZ	n/a	1.59	n/a	n/a	1,181	n/a	n/a	30.0	1.6	2.9	12.7	89.8	5.7	
Air Arabia	AIRARABIA UH	n/a	1.44	n/a	n/a	1,830	24.8	9.9	9.0	1.6	1.3	8.0	5.5	5.5	
Easyjet (UK)	EZJ LN	n/a	627.00	n/a	n/a	6,426	n/a	298.6	13.0	1.7	1.8	n/a	7.7	4.7	
Gol Linhas Aereas Intel. (BRAZIL)	GOLL4 BS	n/a	17.06	n/a	n/a	1,268	n/a	n/a	19.2	n/a	n/a	n/a	9.7	6.7	
JetBlue Airways (US, Latin AM)	JBLU	n/a	14.48	n/a	n/a	4,605	n/a	n/a	9.0	1.2	1.2	n/a	8.7	4.0	
Norwegian Air Shuttle (Norway)	NWARF US	n/a	1.36	n/a	n/a	1,372	n/a	n/a	11.4	n/a	n/a	n/a	4.6	3.0	
Southwest Airlines (US)	LUV US	n/a	43.66	n/a	n/a	25,843	n/a	39.5	13.1	2.7	2.4	n/a	8.3	4.8	
<b>Global average</b>						<b>47,400</b>	<b>32.8</b>	<b>89.8</b>	<b>14.8</b>	<b>1.8</b>	<b>1.9</b>	<b>8.8</b>	<b>17.3</b>	<b>4.9</b>	
<b>Overall average</b>						<b>109,885</b>	<b>36.9</b>	<b>95.0</b>	<b>22.2</b>	<b>6.0</b>	<b>2.4</b>	<b>358.8</b>	<b>26.1</b>	<b>7.4</b>	

Sources: Bloomberg; FSSIA estimates

## Exhibit 10: Peers comparison, airport sector as of 4 February 2022

Company	BBG	Rec	--- Share price ---		Market	-----PE-----			----- ROE -----		--- PBV ---			-----EV/EBITDA-----		
			Current	Target		Cap	21E	22E	23E	21E	22E	21E	22E	21E	22E	23E
			(THB)	(THB)	(USD m)	(x)	(x)	(x)	(x)	(%)	(%)	(x)	(x)	(x)	(x)	(x)
<b>Thailand</b>																
Airports of Thailand*+	AOT TB	BUY	64.25	79.00	27,826	(59.9)	(208.1)	45.9	(12.0)	(4.0)	8.2	8.5	(119.3)	153.8	26.2	
<b>Malaysia</b>																
Malaysia Airports	MAHB MK	NR	5.80	NR	2,295	n/a	n/a	25	(12.3)	(3.7)	1.4	1.5	116.4	11.8	7.0	
<b>China</b>																
Beijing Capital Intl Airport	694 HK	NR	5.39	NR	3,074	n/a	n/a	27	(7.7)	(0.3)	0.9	0.9	n/a	20.7	8.9	
Hainan Meilan Intl	357 HK	NR	20.30	NR	1,315	14.0	15.6	8.8	14.3	12.7	1.8	1.6	7.7	6.5	5.1	
Shanghai Intl Airport-A	600009 CH	NR	50.49	NR	15,820	n/a	200.0	35.1	(6.0)	1.7	3.7	3.5	n/a	83.9	24.3	
Guangzhou Baiyun Intl -A	600004 CH	NR	13.68	NR	5,174	n/a	84.2	28.9	(2.9)	2.0	1.8	1.7	43.2	18.1	13.0	
Shenzhen Airport -A	000089 CH	NR	7.49	NR	2,445	252.7	42.3	27.8	0.3	2.6	1.3	1.3	37.7	17.0	13.9	
Xiamen Int Airport -A	600897 CH	NR	16.77	NR	798	17.9	11.7	11.6	7.4	10.8	1.3	1.2	6.8	4.9	5.0	
<b>Australia</b>																
Sydney Airport	SYD AU	NR	8.71	NR	16,635	n/a	n/a	62.6	(24.0)	13.2	25.5	40.7	95.4	37.3	24.7	
Auckland Intl Airport**	AIA AU	NR	6.98	NR	7,220	n/a	n/a	62.2	(0.5)	(0.2)	1.6	1.4	78.2	71.6	28.5	
<b>Japan</b>																
Japan Airport Terminal***	9706 JP	NR	5,340	NR	4,271	n/a	(12.7)	n/a	2.4	(12.7)	2.7	3.2	n/a	n/a	21.9	
<b>Average</b>					<b>86,871</b>	<b>56.2</b>	<b>58.5</b>	<b>32.1</b>	<b>(3.7)</b>	<b>2.0</b>	<b>4.6</b>	<b>6.0</b>	<b>33.3</b>	<b>500.4</b>	<b>16.2</b>	

\*Fiscal year-end is 30 September; \*\* Fiscal year-end is 30 June; \*\*\* Fiscal year-end is 31 March

Sources: Bloomberg consensus; +FSSIA estimates

## Financial Statements

Bangkok Airways

Profit and Loss (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Revenue	23,962	7,666	2,596	15,692	24,440
Cost of goods sold	(20,903)	(8,015)	(3,481)	(11,473)	(17,118)
<b>Gross profit</b>	<b>3,059</b>	<b>(349)</b>	<b>(885)</b>	<b>4,219</b>	<b>7,323</b>
Other operating income	-	-	-	-	-
Operating costs	(4,598)	(2,384)	(1,557)	(2,479)	(3,862)
<b>Operating EBITDA</b>	<b>(1,539)</b>	<b>(2,733)</b>	<b>(2,442)</b>	<b>1,740</b>	<b>3,461</b>
Depreciation	(1,422)	(2,843)	(2,403)	(2,629)	(2,708)
Goodwill amortisation	-	-	-	-	-
<b>Operating EBIT</b>	<b>(2,960)</b>	<b>(5,576)</b>	<b>(4,845)</b>	<b>(889)</b>	<b>753</b>
Net financing costs	(1,665)	(1,084)	(1,183)	(985)	(876)
Associates	809	555	677	502	502
Recurring non-operating income	3,217	2,399	2,034	1,861	2,006
Non-recurring items	2,129	678	(6,000)	0	0
<b>Profit before tax</b>	<b>720</b>	<b>(3,583)</b>	<b>(9,994)</b>	<b>(14)</b>	<b>1,884</b>
Tax	(364)	(100)	320	75	(249)
<b>Profit after tax</b>	<b>357</b>	<b>(3,683)</b>	<b>(9,674)</b>	<b>61</b>	<b>1,635</b>
Minority interests	(6)	45	40	0	(4)
Preferred dividends	-	-	-	-	-
Other items	-	-	-	-	-
<b>Reported net profit</b>	<b>351</b>	<b>(3,639)</b>	<b>(9,634)</b>	<b>61</b>	<b>1,631</b>
Non-recurring items & goodwill (net)	(2,129)	(678)	6,000	0	0
<b>Recurring net profit</b>	<b>(1,778)</b>	<b>(4,316)</b>	<b>(3,634)</b>	<b>61</b>	<b>1,631</b>
<b>Per share (THB)</b>					
Recurring EPS *	(0.85)	(2.06)	(1.73)	0.03	0.78
Reported EPS	0.17	(1.73)	(4.59)	0.03	0.78
DPS	0.10	0.00	0.00	0.02	0.47
Diluted shares (used to calculate per share data)	2,100	2,100	2,100	2,100	2,100
<b>Growth</b>					
Revenue (%)	(4.7)	(68.0)	(66.1)	504.5	55.7
Operating EBITDA (%)	nm	nm	nm	nm	98.9
Operating EBIT (%)	nm	nm	nm	nm	nm
Recurring EPS (%)	nm	nm	nm	nm	2,556.8
Reported EPS (%)	40.7	nm	nm	nm	2,556.8
<b>Operating performance</b>					
Gross margin inc. depreciation (%)	6.8	(41.6)	(126.7)	10.1	18.9
Gross margin of key business (%)	6.8	(41.6)	(126.7)	10.1	18.9
Operating EBITDA margin (%)	(6.4)	(35.6)	(94.1)	11.1	14.2
Operating EBIT margin (%)	(12.4)	(72.7)	(186.7)	(5.7)	3.1
Net margin (%)	(7.4)	(56.3)	(140.0)	0.4	6.7
Effective tax rate (%)	(16.4)	(2.1)	18.0	18.0	18.0
Dividend payout on recurring profit (%)	(11.8)	-	-	60.0	60.0
Interest cover (X)	0.2	(2.9)	(2.4)	1.0	3.2
Inventory days	9.2	22.5	35.8	14.1	18.1
Debtor days	24.7	46.1	56.3	9.3	6.0
Creditor days	53.0	98.0	84.2	33.2	42.6
Operating ROIC (%)	(30.7)	(44.3)	(26.4)	(5.6)	6.8
ROIC (%)	0.7	(7.3)	(5.2)	1.9	5.9
ROE (%)	(5.9)	(17.4)	(20.4)	0.4	9.7
ROA (%)	0.3	(5.8)	(5.4)	1.8	4.7

\* Pre-exceptional, pre-goodwill and fully diluted

Revenue by Division (THB m)	2019	2020	2021E	2022E	2023E
Air fares	18,862	5,589	1,011	11,236	18,005
Revenue from sales and services	4,350	1,849	1,433	3,350	4,661
Freight	202	50	10	120	193
Passenger services	547	177	142	985	1,582

Sources: Bangkok Airways; FSSIA estimates

## Financial Statements

Bangkok Airways

Cash Flow (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Recurring net profit	(1,778)	(4,316)	(3,634)	61	1,631
Depreciation	1,422	2,843	2,403	2,629	2,708
Associates & minorities	-	-	-	-	-
Other non-cash items	2,239	119	(3,134)	0	4
Change in working capital	1,066	(1,571)	(2,381)	2,444	2,033
<b>Cash flow from operations</b>	<b>2,948</b>	<b>(2,926)</b>	<b>(6,746)</b>	<b>5,134</b>	<b>6,376</b>
Capex - maintenance	(1,510)	(5,495)	(208)	(785)	(1,222)
Capex - new investment	-	-	-	-	-
Net acquisitions & disposals	1,222	3,924	2,700	0	0
Other investments (net)	-	-	-	-	-
<b>Cash flow from investing</b>	<b>(288)</b>	<b>(1,571)</b>	<b>2,492</b>	<b>(785)</b>	<b>(1,222)</b>
Dividends paid	(165)	(203)	0	0	(37)
Equity finance	0	0	0	0	0
Debt finance	96	3,648	4,766	(2,553)	(2,530)
Other financing cash flows	(920)	(6,086)	0	0	0
<b>Cash flow from financing</b>	<b>(989)</b>	<b>(2,641)</b>	<b>4,766</b>	<b>(2,553)</b>	<b>(2,566)</b>
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
<b>Net other adjustments</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Movement in cash</b>	<b>1,672</b>	<b>(7,138)</b>	<b>512</b>	<b>1,796</b>	<b>2,588</b>
Free cash flow to firm (FCFF)	4,429.85	(3,379.37)	(3,048.40)	5,362.04	6,074.60
Free cash flow to equity (FCFE)	1,836.33	(6,934.75)	512.24	1,796.38	<b>2,624.52</b>

Per share (THB)	2019	2020	2021E	2022E	2023E
FCFF per share	2.11	(1.61)	(1.45)	2.55	2.89
FCFE per share	0.87	(3.30)	0.24	0.86	1.25
Recurring cash flow per share	0.90	(0.64)	(2.08)	1.28	2.07

Balance Sheet (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Tangible fixed assets (gross)	24,283	27,882	28,090	28,875	30,097
Less: Accumulated depreciation	(8,675)	(9,622)	(12,025)	(14,654)	(17,362)
<b>Tangible fixed assets (net)</b>	<b>15,608</b>	<b>18,260</b>	<b>16,065</b>	<b>14,221</b>	<b>12,735</b>
<b>Intangible fixed assets (net)</b>	<b>26</b>	<b>0</b>	<b>3,094</b>	<b>3,094</b>	<b>3,094</b>
Long-term financial assets	-	-	-	-	-
Invest. in associates & subsidiaries	32,229	28,305	25,605	25,605	25,605
Cash & equivalents	9,319	2,181	2,693	4,490	7,077
A/C receivable	1,535	401	401	401	401
Inventories	510	477	207	682	1,018
Other current assets	1,225	198	67	406	632
<b>Current assets</b>	<b>12,589</b>	<b>3,257</b>	<b>3,368</b>	<b>5,979</b>	<b>9,128</b>
Other assets	1,455	779	779	779	779
<b>Total assets</b>	<b>61,908</b>	<b>50,602</b>	<b>48,911</b>	<b>49,677</b>	<b>51,341</b>
Common equity	29,948	19,591	15,957	16,018	17,612
Minorities etc.	57	14	(26)	(26)	(22)
<b>Total shareholders' equity</b>	<b>30,004</b>	<b>19,606</b>	<b>15,931</b>	<b>15,993</b>	<b>17,591</b>
Long term debt	17,641	20,234	24,999	22,446	19,916
Other long-term liabilities	6,079	5,290	5,290	5,290	5,290
<b>Long-term liabilities</b>	<b>23,720</b>	<b>25,524</b>	<b>30,289</b>	<b>27,736</b>	<b>25,206</b>
A/C payable	3,183	1,119	486	1,602	2,390
Short term debt	50	1,105	1,105	1,105	1,105
Other current liabilities	4,950	3,248	1,100	3,242	5,049
<b>Current liabilities</b>	<b>8,183</b>	<b>5,472</b>	<b>2,691</b>	<b>5,949</b>	<b>8,544</b>
<b>Total liabilities and shareholders' equity</b>	<b>61,908</b>	<b>50,602</b>	<b>48,911</b>	<b>49,677</b>	<b>51,341</b>
Net working capital	(4,863)	(3,292)	(911)	(3,355)	(5,388)
Invested capital	44,455	44,053	44,632	40,344	36,825

\* Includes convertibles and preferred stock which is being treated as debt

Per share (THB)	2019	2020	2021E	2022E	2023E
Book value per share	14.26	9.33	7.60	7.63	8.39
Tangible book value per share	14.25	9.33	6.13	6.15	6.91

Financial strength	2019	2020	2021E	2022E	2023E
Net debt/equity (%)	27.9	97.7	147.0	119.2	79.3
Net debt/total assets (%)	13.5	37.9	47.9	38.4	27.2
Current ratio (x)	1.5	0.6	1.3	1.0	1.1
CF interest cover (x)	2.1	(5.4)	1.4	2.8	4.0

Valuation	2019	2020	2021E	2022E	2023E
Recurring P/E (x) *	(11.2)	(4.6)	(5.5)	323.3	12.2
Recurring P/E @ target price (x) *	(18.9)	(7.8)	(9.2)	547.3	20.6
Reported P/E (x)	56.6	(5.5)	(2.1)	323.3	12.2
Dividend yield (%)	1.1	-	-	0.2	4.9
Price/book (x)	0.7	1.0	1.2	1.2	1.1
Price/tangible book (x)	0.7	1.0	1.5	1.5	1.4
EV/EBITDA (x) **	(18.4)	(14.3)	(17.7)	22.3	9.8
EV/EBITDA @ target price (x) **	(27.3)	(19.3)	(23.3)	30.3	13.7
EV/invested capital (x)	0.6	0.9	1.0	1.0	0.9

\* Pre-exceptional, pre-goodwill and fully diluted    \*\* EBITDA includes associate income and recurring non-operating income

Sources: Bangkok Airways; FSSIA estimates

## Corporate Governance report of Thai listed companies 2020

### EXCELLENT LEVEL

AAV	ADVANC	AF	AIRA	AKP	AKR	ALT	AMA	AMATA	AMATAV	ANAN
AOT	AP	ARIP	ARROW	ASP	BAFS	BANPU	BAY	BCP	BCPG	BDMS
BEC	BEM	BGRIM	BIZ	BKI	BLA	BOL	BPP	BRR	BTS	BWG
CENTEL	CFRESH	CHEWA	CHO	CIMBT	CK	CKP	CM	CNT	COL	COMAN
COTTO	CPALL	CPF	CPI	CPN	CSS	DELT	DEMCO	DRT	DTAC	DTC
DV8	EA	EASTW	ECF	ECL	EGCO	EPG	ETE	FNS	FPI	FPT
FSMART	GBX	GC	GCAP	GEL	GFPT	GGC	GPSC	GRAMMY	GUNKUL	HANA
HARN	HMPRO	ICC	ICHI	III	ILINK	INTUCH	IRPC	IVL	JKN	JSP
JWD	K	KBANK	KCE	KKP	KSL	KTB	KTC	LANNA	LH	LHFG
LIT	LPN	MAKRO	MALEE	MBK	MBKET	MC	MCOT	METCO	MFEC	MINT
MONO	MOONG	MSC	MTC	NCH	NCL	NEP	NKI	NOBLE	NSI	NVD
NYT	OISHI	ORI	OTO	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
THIP	THRE	THREL	TIP	TIPCO	TISCO	TK	TKT	TTB	TMILL	TNDT
TNL	TOA	TOP	TPBI	TQM	TRC	TSC	TSR	TSTE	TSTH	TTA
TTCL	TTW	TU	TV	TVI	TV	TWPC	U	UAC	UBIS	UV
VGI	VIH	WACOAL	WAVE	WHA	WHAUP	WICE	WINNER	TRUE		

### VERY GOOD 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	B	BA	BAM	BBL
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
IMH	INET	INSURE	IRC	IRCP	IT	ITD	ITEL	J	JAS	JCK
JCKH	JMART	JMT	KBS	KCAR	KGI	KIAT	KOOL	KTIS	KWC	KWM
L&E	LALIN	LDC	LHK	LOXLEY	LPH	LRH	LST	M	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
TCC	TCMC	TEAM	TEAMG	TFG	TIGER	TITLE	TKN	TKS	TM	TMC
TMD	TMI	TMT	TNITY	TNP	TNR	TOG	TPA	TPAC	TPCORP	TPOLY
TPS	TRITN	TRT	TRU	TSE	TVT	TWP	UEC	UMI	UOBKH	UP
UPF	UPOIC	UT	UTP	UWC	VL	VNT	VPO	WIIK	WP	XO
YUASA	ZEN	ZIGA	ZMICO							

### GOOD LEVEL

7UP	A	ABICO	AJ	ALL	ALUCON	AMC	APP	ARIN	AS	AU
B52	BC	BCH	BEAUTY	BGT	BH	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
GSC	GTB	HTECH	HUMAN	IHL	INOX	INSET	IP	JTS	JUBILE	KASET
KCM	KKC	KUMWEL	KUN	KWG	KYE	LEE	MATCH	MATI	M-CHAI	MCS
MDX	MJD	MM	MORE	NC	NDR	NER	NFC	NNCL	NPK	NUSA
OCEAN	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
TTI	TYCN	UKEM	UMS	VCOM	VRANDA	WIN	WORK	WPH		

Description	Score Range
Excellent	90-100
Very Good	80-89
Good	70-79

#### 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.

\* 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; \*\* delisted

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

## Anti-corruption Progress Indicator 2020

CERTIFIED											
2S	ADVANC	AI	AIE	AIRA	AKP	AMA	AMANAH	AP	AQUA	ARROW	
ASK	ASP	AYUD	B	BAFS	BANPU	BAY	BBL	BCH	BCP	BCPG	
BGC	BGRIM	BJCHI	BKI	BLA	BPP	BROOK	BRR	BSBM	BTS	BWG	
CEN	CENTEL	CFRESH	CGH	CHEWA	CHOTI	CHOW	CIG	CIMBT	CM	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	M	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	PB	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	SRICHCHA	SSF	SSSC	SST	STA	SUSCO	SVI	SYNTPEC	
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	
BM	BROCK	BUI	CHO	CI	COTTO	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 thorough 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

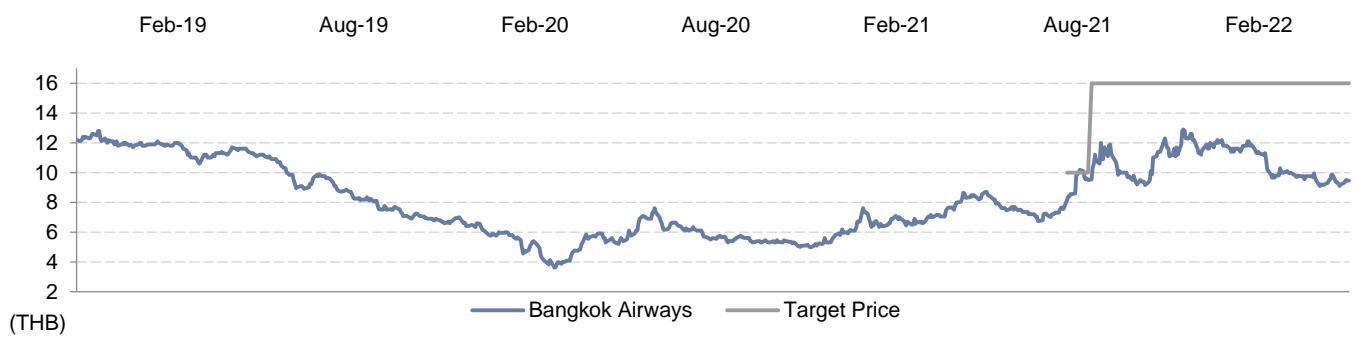
The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s)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

This report has been prepared by FSS International Investment Advisory Company Limited (FSSIA). The information herein has been obtained from sources believed to be reliable and accurate; however FSS makes no representation as to the accuracy and completeness of such information. Information and opinions expressed herein are subject to change without notice. FSS has no intention to solicit investors to buy or sell any security in this report. In addition, FSS does not guarantee returns nor price of the securities described in the report nor accept any liability for any loss or damage of any kind arising out of the use of such information or opinions in this report. Investors should study this report carefully in making investment decisions. All rights are reserved.

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### History of change in investment rating and/or target price

#### Bangkok Airways (BA TB)



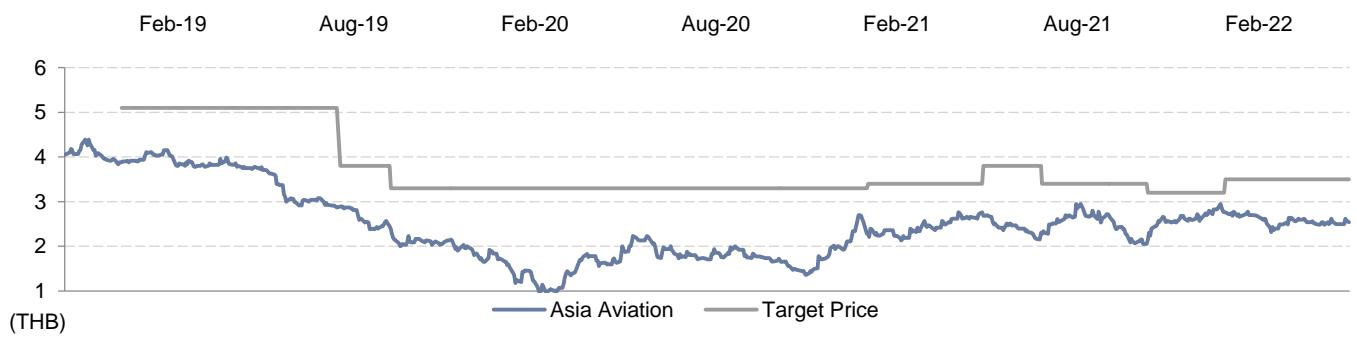
Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
04-Jun-2021	BUY	10.00	25-Jun-2021	BUY	16.00	-	-	-

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

Price and TP are in local currency

Source: FSSIA estimates

#### Asia Aviation (AAV TB)



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

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

Price and TP are in local currency

Source: FSSIA estimates

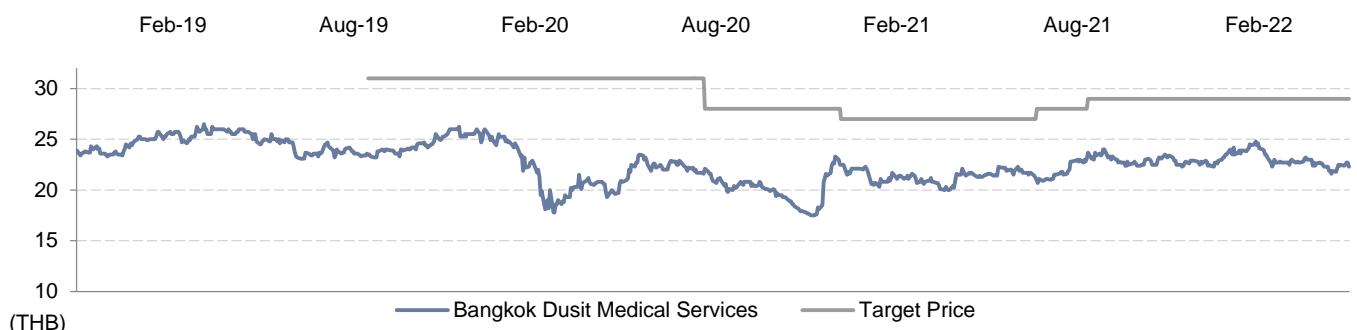
**Airports of Thailand (AOT TB)**

Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
20-Jun-2019	HOLD	72.00	11-Feb-2021	BUY	85.00	13-Aug-2021	BUY	80.00
10-Sep-2020	BUY	70.00	09-Jun-2021	BUY	82.00	26-Nov-2021	BUY	79.00

Teerapol Udomvej, CFA started covering this stock from 10-Sep-2020

Price and TP are in local currency

Source: FSSIA estimates

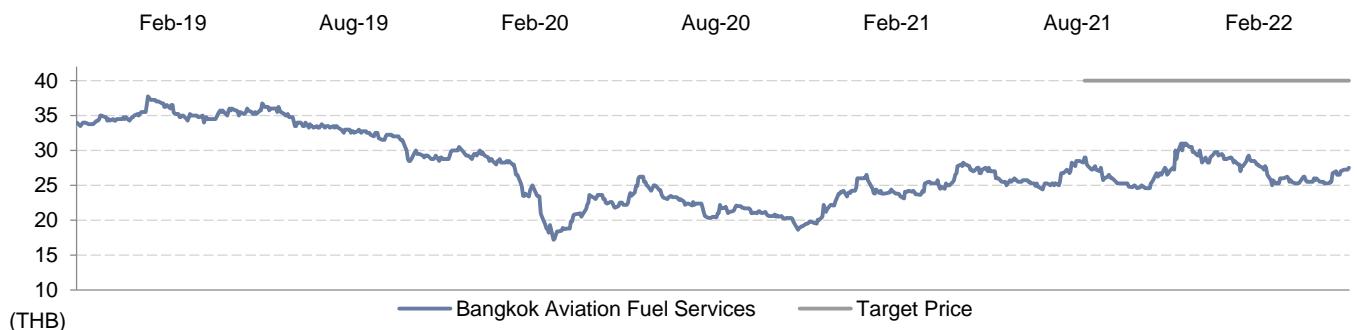
**Bangkok Dusit Medical Services (BDMS TB)**

Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
16-Oct-2019	BUY	31.00	24-Nov-2020	BUY	27.00	24-Jun-2021	BUY	29.00
30-Jul-2020	BUY	28.00	11-May-2021	BUY	28.00			

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

Price and TP are in local currency

Source: FSSIA estimates

**Bangkok Aviation Fuel Services (BAFS TB)**

Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
21-Jun-2021	BUY	40.00	-	-	-	-	-	-

Suwat Sinsadok, CFA, FRM, ERP started covering this stock from 21-Jun-2021

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Bangkok Airways	BA TB	THB 9.45	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.
Asia Aviation	AAV TB	THB 2.54	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.
Airports of Thailand	AOT TB	THB 64.25	BUY	Downside risks to our DCF-based target price include 1) a slowdown in the recovery of international passengers; 2) delays in the Suvarnabhumi Airport expansions (satellite terminal and northern expansion); and 3) the termination of the duty-free concession contracts from King Power.
Bangkok Dusit Medical Services	BDMS TB	THB 22.30	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.
Bangkok Aviation Fuel Services	BAFS TB	THB 27.50	BUY	Downside risks to our SoTP-based target price include a slower than expected vaccination rate, leading to slower demand in tourism activities, plus uncertainty in the fuel volume demand in the north which could lead to volatility in Fuel Pipeline Transportation Limited (FPT)'s income.

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 04-Feb-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.