# Airports of Thailand Pcl (AOT TB)

# Still in good shape

Despite cutting our earnings due to lower-than-expected 1H24 results, AOT's fundamentals remain solid as the highest operating leverage play on Thailand's strong tourism recovery, enjoying strong earnings growth to a record high in FY25F, a higher-than-ever return with over 58% EBITDA margins and 18% ROE, and a net cash position. BUY.



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## Raising out TP to Bt77, reaffirming BUY

Even though we cut our earnings estimates for AOT by 7-13% in FY24-26F (see Exhibit 1) given its lower-than-expected earnings in 1H24, we raise our DCF-based 12-month TP to Bt77/share (from Bt75) as we roll over the base year in our model to FY25F (AOT's fiscal year ends in September). AOT remains our top sector pick, and we still view it as one of the best long-term core holdings, enjoying 1) its highest operating leverage to Thailand's strong tourism recovery, 2) a strong earnings recovery this year with record-high earnings from FY25F onward, 3) its higher-thanever return, and 4) its net cash position to support capacity expansions with no concerns about funding sources.

#### Pax. recovery to FY19 level next year

Pent-up air travel demand after the COVID-19 crisis drove AOT's international passengers to recover to 84% of the FY19 level (or 48% y-y growth) in 1HFY24. This was despite the fact that its Chinese passengers recovered to only 58% of the FY19 level. With the government's many tourism stimulus measures, especially visa-free access for Chinese tourists, its international passengers continued to recover to 88% of the FY19 level in April and 93% in May. We also expect airlines' current capacity constraints reducing gradually from 2025F onward to result in cheaper airfares and drive air travel demand further. We estimate AOT's international passenger growth at 34/13/10% y-y to 86/97/107% of the FY19 level in FY24-26F.

# 121/27/15% y-y earnings growth in FY24-26F

Along with a rise in its concession revenue, mainly due to 2.4x higher minimum guaranteed revenue from the new duty-free concession and operating leverage effect, we project AOT to enjoy a strong earnings recovery with growth of 121% y-y this year to a record high with 27/15% y-y growth in FY25-26F, allowing it to offer a higher-than-ever return with 58-63% EBITDA margins and 18-21% ROE in FY24-26F (vs. 57% EBITDA and 16% ROE in FY19). The higher return should support a higher valuation, so we see its 45x PE this year before falling to 36x in FY25F and 31x in FY26F as inexpensive.

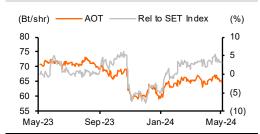
#### Capex cycle is not a worry

AOT plans to invest Bt59bn in capex in FY24-26F, for capacity expansions. It intends to spend Bt10bn on Suvarnabhumi Airport's East Expansion to increase its landsite capacity by 15m passengers (vs. its 102% current utilization rate) while Don Mueang Airport's Phase 3 expansion with Bt37bn investment would expand its capacity by 33% (vs. its 100% current utilization rate). With Bt39bn-53bn p.a. of EBITDA generation, the funding source would come from its cash flow from operations.

#### **COMPANY VALUATION**

Y/E Sep (Bt m)	2023A	2024F	2025F	2026F
Sales	48,141	67,200	76,011	83,461
Net profit	8,791	20,402	25,894	29,736
Consensus NP	_	21,724	27,996	32,332
Diff frm cons (%)	_	(6.1)	(7.5)	(8.0)
Norm profit	9,247	20,402	25,894	29,736
Prev. Norm profit	_	23,395	28,216	31,909
Chg frm prev (%)	_	(12.8)	(8.2)	(6.8)
Norm EPS (Bt)	0.6	1.4	1.8	2.1
Norm EPS grw (%)	na	120.6	26.9	14.8
Norm PE (x)	98.1	44.5	35.0	30.5
EV/EBITDA (x)	39.0	23.3	19.1	16.9
P/BV (x)	8.2	7.4	6.8	6.2
Div yield (%)	0.6	1.3	1.7	2.0
ROE (%)	8.7	17.5	20.2	21.1
Net D/E (%)	(0.2)	0.7	(9.7)	(7.9)

#### PRICE PERFORMANCE



## **COMPANY INFORMATION**

Price as of 29-May-24 (Bt)	63.50
Market Cap (US\$ m)	24,685.5
Listed Shares (m shares)	14,285.7
Free Float (%)	30.0
Avg Daily Turnover (US\$ m)	40.2
12M Price H/L (Bt)	73.25/58.50
Sector	Transportation
Major Shareholder	Ministry of Finance 70%

Sources: Bloomberg, Company data, Thanachart estimates

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# Raising our TP to Bt77

We cut our earnings estimates for AOT by 7-13% in FY24-26F

Given its lower-than-expected 2H24F normalized earnings, we cut our earnings estimates for Airports of Thailand Pcl (AOT) by 13/8/7% to Bt20/26/30bn in FY24-26F (vs. Bt11bn in 1H24) to reflect the changes to our assumptions as follows:

*First,* while AOT's passenger recovery has been strong, as we'd expected, spending per passenger and operators' earnings turnaround in its airports were slower than we forecasted. We thus lower our concession revenue assumptions by 16-18% in 2024-26F. This causes our total revenue projections to fall by 6/5/3% to Bt67/76/83bn in 2024-26F (vs. Bt34bn in 1HFY24).

**Second,** given the high operating leverage of its business, the fall in revenue leads our gross margin to drop by 1-2ppt to 59/61/62% in FY24-26F.

But we raise our TP to Bt77

However, as AOT's fiscal year ends in September, we roll over the base year in our model to FY25F. As a result, our DCF-based 12-month TP increases slightly to Bt77 (from Bt75).

Ex 1: Key Assumption Changes FY21 FY24F FY25F FY26F **FY22 FY23** Concession revenue (Bt m) - New 1,374 4,031 14,920 23,255 26,109 28,680 - Old 34,025 28,402 31,450 - Change (%) (18.1)(17.0)(15.7)Total revenue (Bt m) - New 7,086 16,560 48,141 67,200 76,011 83,461 - Old 86,089 71,831 79,690 - Change (%) (6.4)(4.6)(3.1)Gross margin (%) - New 52.1 59.1 61.4 62.4 (156.7)(17.7)- Old 60.6 63.2 62.4 - Change (ppt) (1.5)(1.0)(0.8)Normalized earnings (Bt m) - New (15,319) (11,288) 9,247 20,402 25,894 29,736 - Old 23,395 28,216 31,909 - Change (%) (12.8)(8.2)(6.8)

Sources: Company data, Thanachart estimates

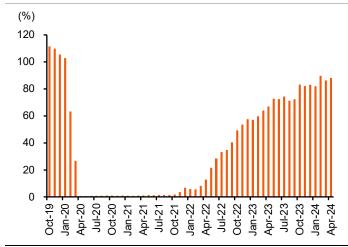
# **AOT remains our top sector pick**

AOT remains our top sector pick given...

...it's the highest operating leverage play on Thailand's strong tourism recovery driving... We reaffirm our BUY call on AOT, and it remains one of our top country picks. We see it as one of the best long-term core holdings, enjoying:

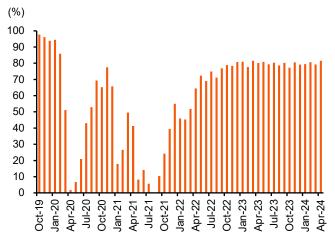
1) Thailand's position as one of the top tourist destinations. In 4M24, Thailand's tourist arrivals recovered to 87% of the pre-COVID 2019 level vs. 71% in 2023 and 78% in 4Q23. AOT also reported its international passengers at 84% of the FY19 level in 1HFY24, 88% in April, and 93% in May, while its domestic passengers recovered to 79% of the FY19 level in 1HFY24, 82% in April, and 83% in May.

Ex 2: AOT's Inter. Pax. As % of The FY19 Level



Source: Company data

Ex 3: AOT's Dom. Pax. As % of The FY19 Level

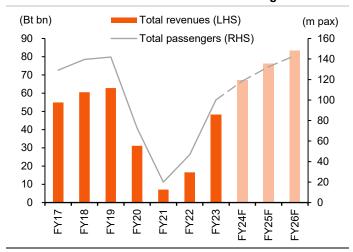


Source: Company data

...its earnings recovery this year to a record high in FY25-26F...

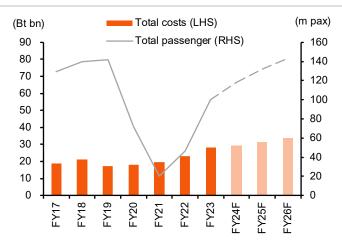
2) Its highest operating leverage with 80% of its total revenue linked to passenger numbers and 75% of its total costs fixed, driving its strong earnings recovery with growth of 121% y-y this year to a record high and growth of 27% y-y in FY25F and 15% y-y in FY26F.

Ex 4: AOT's Revenues Are Linked To Passengers While...



Sources: Company data, Thanachart estimates

Ex 5: ... Most Of Its Costs Are Fixed



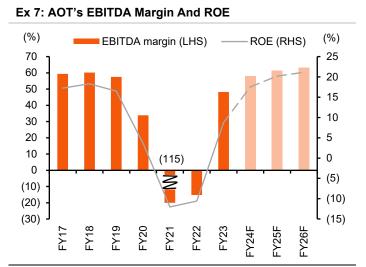
Sources: Company data, Thanachart estimates

...higher-than-ever profitability, and...

3) Its higher-than-ever profitability with 58/62/63% EBITDA margins (vs. 57% in FY19) and ROE of 18/20/21% (vs. 16% in FY19) in FY24-26F.

# Ex 6: AOT's Normalized Earnings (Bt bn) 35 30 25 20 15 10 5 0 (5)(10)(15)(20)FY26F FY24F FY25F

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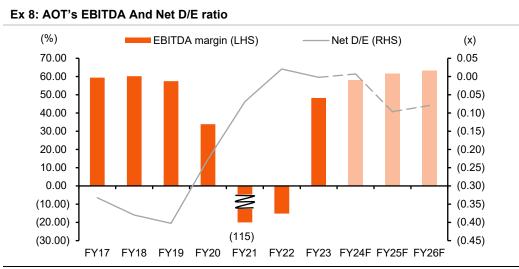


Sources: Company data, Thanachart estimates

Sources: Company data, Thanachart estimates

...and stronger financial status to support its expansions

4) Its solid financial status with a net cash position to support its airports' capacity expansions, with no concerns about funding sources and costs.



Sources: Company data, Thanachart estimates

Ex 9: 12-month DCF-based TP Calculation Using A Base Year Of FY24F

													Terminal
(Bt m)		FY24F	FY25F	FY26F	FY27F	FY28F	FY29F	FY30F	FY31F	FY32F	FY33F	FY34F	value
EBITDA excl. depreciation	on from	20.044	46.760	E0 000	E0 006	66.004	74 476	77 710	04.007	00 707	00 117	105 206	
right of use		39,044	46,763	52,823	58,986	66,084	71,476	77,710	84,007	90,797	98,117	105,206	_
Free cash flow		14,723	30,905	18,301	20,906	37,787	44,962	54,282	55,712	57,579	67,520	78,702	2,091,076
PV of free cash flow		_	28,701	15,781	16,739	28,085	31,029	33,885	32,152	30,712	33,295	35,878	549,887
Risk-free rate (%)	2.5												
Market risk premium (%)	8.0												
Beta	0.9												
WACC (%)	7.2												
Terminal growth (%)	2.0												
Enterprise value - add													
investments	1,080,830												
Net debt (FY25F)	(13,147)												
Minority interest	1,801												
Equity value	1,092,176												
# of shares (m)	14,286												
Equity value/share (Bt)	77												
O TI I I													

Source: Thanachart estimates

# **Valuation Comparison**

Ex 10: Valuation Comparison With Regional Peers

			EPS g	rowth	—— Р	E ——	— P/B	v —	EV/EE	BITDA	— Div y	ield —
Name	BBG code	Country	24F	25F	24F	25F	24F	25F	24F	25F	24F	25F
			(%)	(%)	(x)	(x)	(%)	(%)	(x)	(x)	(%)	(%)
Beijing Capital Int'l	694 HK	China	89.8	na	na	17.7	0.8	0.8	13.2	8.2	0.0	1.0
Fraport Frankfurt Airport	FRA GR	Germany	12.8	12.3	10.7	9.5	1.0	0.9	10.6	9.7	0.0	3.3
Japan Airport Terminal	9706 JP	Japan	(10.1)	5.0	29.5	28.1	2.9	2.7	10.6	10.0	1.1	1.3
Grupo Aeroportuario	ASURB MM	Mexico	19.7	14.9	13.4	11.6	3.2	3.0	8.4	7.5	4.6	4.9
SATS Ltd	SATS SP	Singapore	na	208.3	77.4	24.8	1.6	1.7	10.0	9.4	0.2	1.4
Airports of Thailand*	AOT TB	Thailand	120.6	26.9	44.5	35.0	7.4	6.8	23.3	19.1	1.3	1.7
Average			46.6	53.5	35.1	21.1	2.8	2.7	12.7	10.7	1.2	2.3

Source: Bloomberg

Note: \* Thanachart estimates using normalized EPS

Based on 29 May 2024 closing prices

#### **COMPANY DESCRIPTION**

The Airports of Thailand (AOT) was corporatized from a state enterprise and is Thailand's leading airport business operator. AOT is responsible for six international airports: Don Mueang, Phuket, Chiang Mai, Had Yai, Chiang Rai and Suvarnabhumi, all of which accommodate both domestic and international flights. With commercial operations beginning on 28 September 2006, Suvarnabhumi serves as the main airport and can accommodate up to 45m passengers and 3m tonnes of cargo a year. Within a single hour, the airport can operate up to 76 flights.

Source: Thanachart

#### THANACHART'S SWOT ANALYSIS

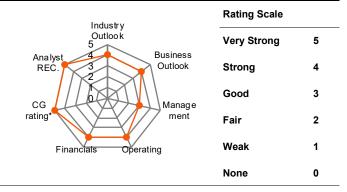
#### S — Strength

- AOT is an airport monopoly.
- As a state enterprise, the company's operations and finances receive support from the government.

#### Opportunity

- Thailand is a very popular destination for tourists.
- Strong economic growth in the Asia-Pacific is boosting the tourism industry in the region.
- The Thai healthcare industry is also spurring medical tourism to Thailand.

#### **COMPANY RATING**



Source: Thanachart; \*CG Rating

#### W — Weakness

- AOT has little revenue diversity so its quarterly earnings are volatile and follow the different tourism seasons.
- Unclear direction due to changes in government policies have caused AOT to miss out on the chance of benefiting fully from Thailand's strong tourism industry.

#### T — Threat

- Airport competition is fierce. Many airports in Asia are reducing fees to attract airlines.
- Disease outbreaks present a threat to the industry.

#### **CONSENSUS COMPARISON**

	Consensus	Thanachart	Diff
Target price (Bt)	73.52	77.00	5%
Net profit 24F (Bt m)	21,724	20,402	-6%
Net profit 25F (Bt m)	27,996	25,894	-8%
Consensus REC	BUY: 21	HOLD: 5	SELL: 2

#### **HOW ARE WE DIFFERENT FROM THE STREET?**

- Our FY24F earnings are below the Bloomberg consensus estimate, which we attribute to us assuming a more conservative passenger recovery over the period.
- However, our DCF-based TP is 5% higher than the Street's number, likely as we roll over the base year in our model to FY25F.

## **RISKS TO OUR INVESTMENT CASE**

- Thailand's tourism industry is a component of the world economy, and tourism would undoubtedly be negatively affected by any global economic volatility.
- If the COVID-19 outbreak doesn't subside by year-end, it may have a significant impact on our passenger growth forecasts.
- The possibility of political interference and corruption is also of concern. As a state enterprise, AOT's major investments still have to be approved by the cabinet. Hence, any delays in getting cabinet approval would have a negative impact on AOT's earnings streams.

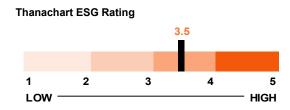
Sources: Bloomberg consensus, Thanachart forecasts

Source: Thanachart

**Airports of Thailand Pcl** 

Sector: Services | Transportation & Logistics

AOT runs six airports, two in Bangkok and four in tourist provinces. It controls over 85% of Thailand's passenger traffic. Our ESG score for AOT is relatively high at 3.5, given its strict compliance with industry standards, including CAAT, ISO, and ICAO certifications. It also assigns importance to ESG issues with targets and measurements in many areas.



							S&P		
	SET ESG	SET ESG	DJSI	MSCI	ESG Book	Refinitiv	Global	Moody's	CG Rating
	Index	(BBB-AAA)	Index	(CCC-AAA)	(0-100)	(0-100)	(0-100)	(0-100)	(0-5)
AOT	YES	Α	YES	Α	65.68	64.34	78.00	39.0	5.0

Sources: SETTRADE, SET ESG Index, SET ESG Rating, The Dow Jones Industrial Average (DJSI), MSCI ESG Research LLC, ESG Book, Refinitiv ESG Information, S&P Global Market Intelligence, Moody's ESG Solutions, Thai IOD (CG rating) Note: Please see third party on "terms of use" toward the back of this report.

Factors	Our Comments

#### **ENVIRONMENT**

- Environmental Policies & Guidelines
- Energy Management
- Carbon Management
- Water Management
- Waste Management

- We assign a relatively high ESG score to AOT due to its strict compliance with various international standards and its strong commitment to ESG issues. Although airports use a lot of electricity, AOT doesn't emit large amounts of greenhouse gas (GHG).
- AOT's GHG management plans are certified under the Airport Carbon Accreditation (ACA) program of the Airports Council International (ACI). Its Phuket Airport is accredited with level 1 Mapping, while its other airports have achieved level 3 Optimization in reducing CO2 emissions.
- Don Mueang Airport's ceiling lamps were replaced with LEDs, cutting energy consumption by 767,000KWh/year. AOT plans to install 4.4MW of solar rooftop capacity at its airports.
- Its water and wastewater management is carried out by an ISO14001:2015-certified contractor, while its noise-pollution control of Noise Balanced Approaches is recommended by the International Covid Aviation Organization (ICAO).
- In 2021, it got 17 complaints about environmental issues and all of them were resolved.

#### **SOCIAL**

- Human Rights
- Staff Management
- Health & Safety
- Product Safety & Quality
- Social Responsibility
- AOT conducts business according to the Aerodrome Safety Policy and it uses the ICAO's Safety Management System.
- AOT carries out occupational health and safety procedures in accordance with ISO 45001:2018 standards and uses information technology and communications safety procedures in accordance with ISO/IEC 27001:2013.
- In 2020, AOT received the Outstanding Workplace Award for safety, occupational health, and working environment at the national level from the Ministry of Labor.
- In 2021, it conducted 159 social responsibility activities with supporting costs of Bt99m.

# GOVERNANCE & SUSTAINABILITY

- Board
- Ethics & Transparency
- Business Sustainability
- Risk Management
- Innovation

- The board of directors (BOD) comprises 15 individuals, of whom 11 are independent directors and five are women. The chairman is an independent director.
- AOT is listed on the Dow Jones Sustainability Indices and ranked 4<sup>th</sup> out of 105 companies.
- It received an "A" level assessment under the Integrity and Transparency Assessment conducted on state-owned entities from the Office of the National Anti-Corruption Commission.
- It has integrated risk management in accordance with COSO-ERM:2017, a certified Business Continuity Management System under ISO 22301:2019, and has an internal audit system by the Office of Internal Audit, which reports directly to the Audit Committee.
- AOT has the 2021-25 innovation master plan, which focuses on Smart Journeys, Digital Organizations, Smart Infrastructure, Digital Governance, and Digital Workforce.

Sources: Thanachart, Company data

## **INCOME STATEMENT**

FY ending Sep (Bt m)	2022A	2023A	2024F	2025F	2026F
Sales	16,560	48,141	67,200	76,011	83,461
Cost of sales	19,485	23,059	27,517	29,339	31,388
Gross profit	(2,925)	25,082	39,683	46,672	52,073
% gross margin	-17.7%	52.1%	59.1%	61.4%	62.4%
Selling & administration expenses	8,522	10,723	11,760	12,162	12,937
Operating profit	(11,447)	14,359	27,923	34,510	39,137
% operating margin	-69.1%	29.8%	41.6%	45.4%	46.9%
Depreciation & amortization	8,932	8,870	11,121	12,252	13,686
EBITDA	(2,515)	23,230	39,044	46,763	52,823
% EBITDA margin	-15.2%	48.3%	58.1%	61.5%	63.3%
Non-operating income	313	294	324	466	528
Non-operating expenses	0	0	0	0	0
Interest expense	(2,930)	(2,890)	(2,693)	(2,550)	(2,432)
Pre-tax profit	(14,064)	11,763	25,554	32,426	37,233
Income tax	(2,888)	2,235	5,111	6,485	7,447
After-tax profit	(11,176)	9,528	20,443	25,941	29,786
% net margin	-67.5%	19.8%	30.4%	34.1%	35.7%
Shares in affiliates' Earnings	(0)	(0)	0	0	0
Minority interests	(112)	(281)	(41)	(46)	(51)
Extraordinary items	200	(457)	0	0	0
NET PROFIT	(11,088)	8,791	20,402	25,894	29,736
Normalized profit	(11,288)	9,247	20,402	25,894	29,736
EPS (Bt)	(8.0)	0.6	1.4	1.8	2.1
Normalized EPS (Bt)	(8.0)	0.6	1.4	1.8	2.1

We expect AOT's continued strong earnings recovery...

...to jump to a record high from FY25F...

...driven by a passenger recovery and higher duty-free concession revenue

BALANCE SHEET					
FY ending Sep (Bt m)	2022A	2023A	2024F	2025F	2026
ASSETS:					
Current assets:	8,476	19,014	20,463	23,000	22,808
Cash & cash equivalent	3,822	6,095	5,000	18,100	17,500
Account receivables	3,785	12,184	14,729	4,165	4,573
Inventories	0	0	0	0	0
Others	869	735	735	735	735
Investments & loans	13	13	13	13	13
Net fixed assets	115,705	122,876	128,349	135,136	148,307
Other assets	59,619	53,708	54,691	55,737	56,851
Total assets	183,813	195,611	203,517	213,886	227,979
LIABILITIES:					
Current liabilities:	14,495	23,293	17,608	16,251	16,799
Account payables	1,056	2,086	2,490	2,010	2,580
Bank overdraft & ST loans	600	2,697	2,635	2,229	2,555
Current LT debt	1,999	1,516	1,288	817	468
Others current liabilities	10,840	16,994	11,195	11,195	11,195
Total LT debt	3,314	1,646	1,932	1,907	2,655
Others LT liabilities	63,485	58,494	60,047	59,747	59,447
Total liabilities	81,294	83,433	79,587	77,905	78,901
Minority interest	1,195	1,713	1,754	1,801	1,851
Preferreds shares	0	0	0	0	0
Paid-up capital	14,286	14,286	14,286	14,286	14,286
Share premium	12,568	12,568	12,568	12,568	12,568
Warrants	0	0	0	0	0
Surplus	905	771	771	771	771
Retained earnings	73,565	82,841	94,551	106,556	119,603
Shareholders' equity	101,324	110,465	122,175	134,180	147,227
Liabilities & equity	183,813	195,611	203,517	213,886	227,979

Sources: Company data, Thanachart estimates

#### **CASH FLOW STATEMENT**

FY ending Sep (Bt m) 2022A 2023A 2024F 2025F 2026F 37,233 (14,064)11,763 25,554 32,426 Earnings before tax (2,235)2,888 (5,111)(6,485)(7,447)Tax paid 8,932 8,870 12,252 13,686 Depreciation & amortization 11,121 10,083 Chg In working capital (22)(7,369)(2,142)162 3,822 9,098 (3,399)2,280 2,166 Chg In other CA & CL / minorities 1,556 20,127 26,024 50,556 45,800 Cash flow from operations (12,479)(16,042)(16,595)(19,039)(26,857)Capex 300 Right of use 4,540 3,211 300 300 0 0 0 0 0 ST loans & investments 0 0 0 O LT loans & investments (7)0 Adj for asset revaluation 0 0 0 O (4,503)(5,312)(2,129)(3,927)(3,880)Chg In other assets & liabilities Cash flow from investments (12,450)(18, 143)(18,424)(22,666)(30,436)Debt financing (2,455)(902)725 (62)(4) Capital increase 0 0 0 (8) (18)(8,692)(13,889)(16,689)Dividends paid 368 Warrants & other surplus 76 288 Cash flow from financing (2,387)(8,696)(14,791)(15,964)(10,924)4,086 9,430 31,517 18,944 Free cash flow

We assume AOT's capex at Bt187bn over the next 10 years for its capacity expansion

#### **VALUATION**

2024F FY ending Sep 2022A 2023A 2025F 2026F 98.1 44.5 35.0 30.5 Normalized PE(x) na Normalized PE - at target price (x) 53.9 42.5 37.0 na 119.0 PE(x) 103.2 44.5 35.0 30.5 na 125 1 53.9 42.5 37.0 PE - at target price (x) na EV/EBITDA (x) na 39.0 23.3 19.1 16.9 EV/EBITDA - at target price (x) 47.3 28.2 23.2 20.6 na P/BV (x) 9.0 8.2 7.4 6.8 6.2 P/BV - at target price (x) 10.9 10.0 9.0 8.2 7.5 P/CFO(x) 583.1 45.1 34.9 17.9 19.8 54.8 13.5 11.9 10.9 Price/sales (x) 18.8 2.0 0.0 0.6 1.7 Dividend yield (%) 13 FCF Yield (%) 0.5 1.0 3.5 2.1 (1.2)(Bt) Normalized EPS (8.0)0.6 1.4 1.8 2.1 **FPS** (8.0)0.6 1.4 1.8 2.1 DPS 0.0 0.4 0.9 1.1 1.2 BV/share 7.1 7.7 8.6 9.4 10.3 CFO/share 0.1 1.4 1.8 3.5 3.2 FCF/share 0.3 0.7 (8.0)2.2 1.3

FY25-26F looks attractive vs. its average of 40x in FY17-19

45x PE in FY24F before

falling to 35/31x PEs in

Sources: Company data, Thanachart estimates

## FINANCIAL RATIOS

FY ending Sep	2022A	2023A	2024F	2025F	2026F
Growth Rate					
Sales (%)	133.7	190.7	39.6	13.1	9.8
Net profit (%)	na	na	132.1	26.9	14.8
EPS (%)	na	na	132.1	26.9	14.8
Normalized profit (%)	na	na	120.6	26.9	14.8
Normalized EPS (%)	na	na	120.6	26.9	14.8
Dividend payout ratio (%)	0.0	58.5	60.0	60.0	60.0
Operating performance					
Gross margin (%)	(17.7)	52.1	59.1	61.4	62.4
Operating margin (%)	(69.1)	29.8	41.6	45.4	46.9
EBITDA margin (%)	(15.2)	48.3	58.1	61.5	63.3
Net margin (%)	(67.5)	19.8	30.4	34.1	35.7
D/E (incl. minor) (x)	0.1	0.1	0.0	0.0	0.0
Net D/E (incl. minor) (x)	0.0	(0.0)	0.0	(0.1)	(0.1)
Interest coverage - EBIT (x)	na	5.0	10.4	13.5	16.1
Interest coverage - EBITDA (x)	na	8.0	14.5	18.3	21.7
ROA - using norm profit (%)	na	4.9	10.2	12.4	13.5
ROE - using norm profit (%)	na	8.7	17.5	20.2	21.1
DuPont					
ROE - using after tax profit (%)	na	9.0	17.6	20.2	21.2
- asset turnover (x)	0.1	0.3	0.3	0.4	0.4
- operating margin (%)	na	30.4	42.0	46.0	47.5
- leverage (x)	1.8	1.8	1.7	1.6	1.6
- interest burden (%)	126.3	80.3	90.5	92.7	93.9
- tax burden (%)	na	81.0	80.0	80.0	80.0
WACC(%)	7.2	7.2	7.2	7.7	7.7
ROIC (%)	(11.0)	11.2	20.3	22.4	25.9
NOPAT (Bt m)	(11,447)	11,631	22,338	27,608	31,310
invested capital (Bt m)	103,415	110,228	123,030	121,034	135,406

Despite the COVID crisis for three years, AOT's balance sheet is still solid with low gearing

Sources: Company data, Thanachart estimates

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ESG risk combines the concepts of management and exposure to arrive at an absolute assessment of ESG risk. We identify five categories of ESG risk severity that could impact a company's enterprise value

Moody's ESG Solutions

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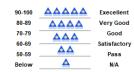
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