

4572.TW

駐龍精密機械股份有限公司 Drewloong Precision Inc.



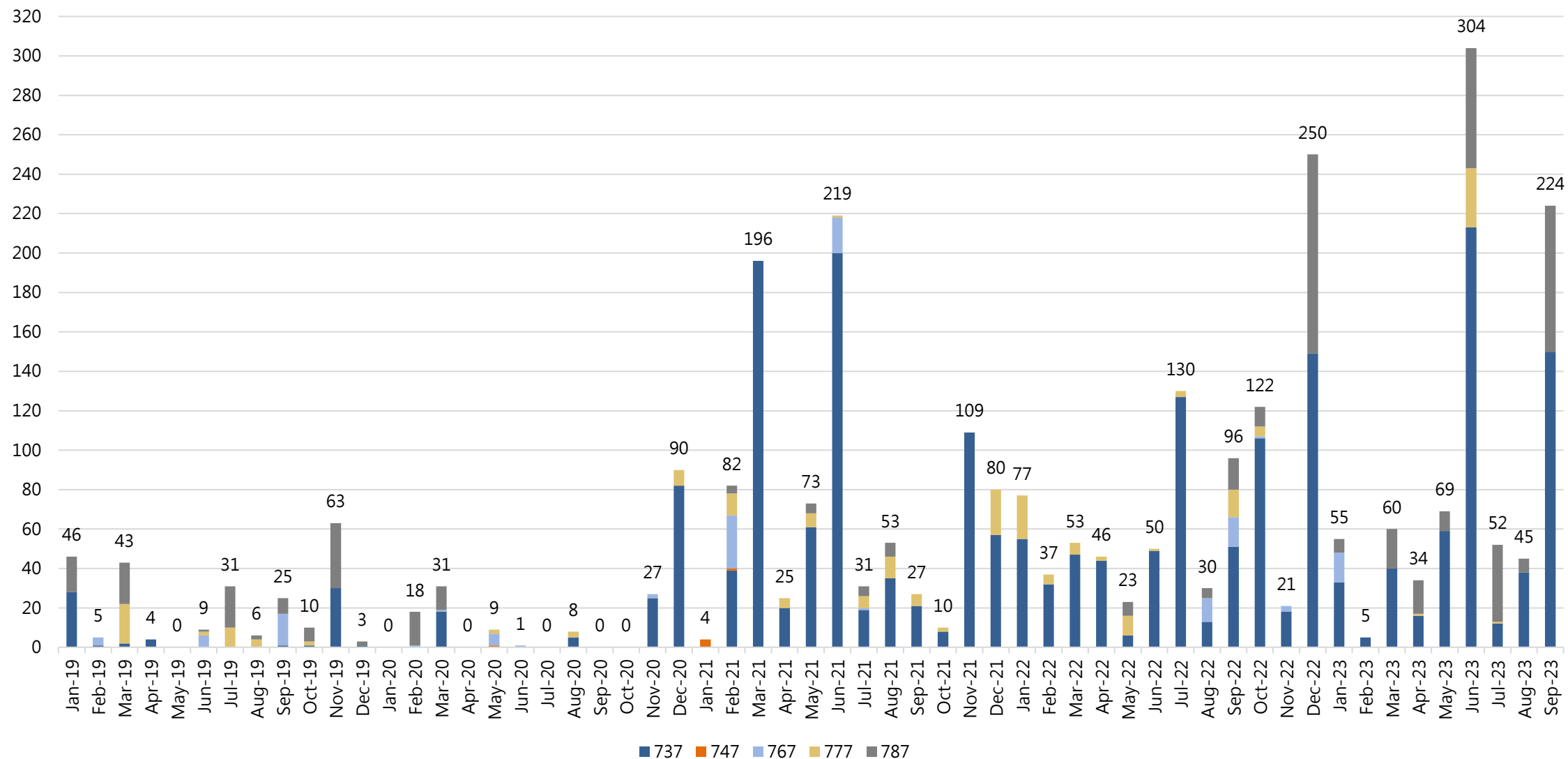


簡報大綱 Outline

- 航太產業概況
- 駐龍公司簡介



產業概況-BOEING Airplane Orders





產業概況-Market Outlook

各區域新飛機交付架次 (波音預測2023-2042)



SOURCE: Boeing CMO



SOURCE: Boeing CMO

波音預測
42,595架

窄體飛機
佔76%

寬體飛機
佔18%

空巴預測
40,850架

窄體飛機
佔80%

寬體飛機
佔20%

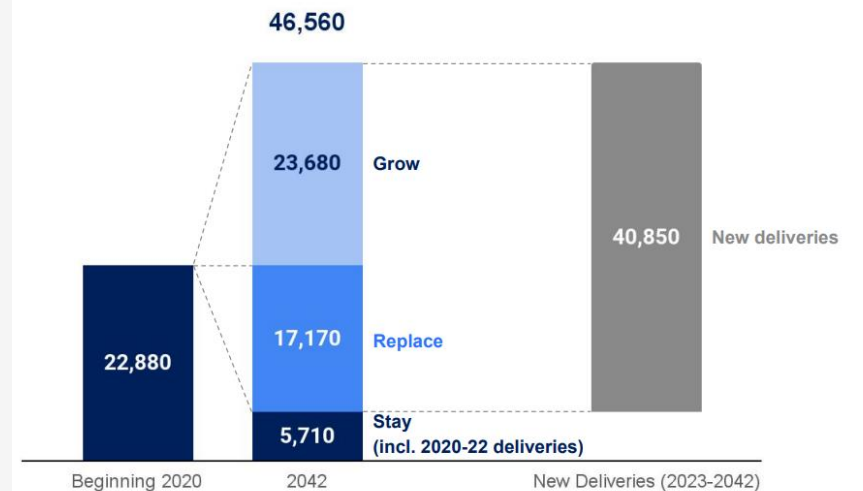
航空客運量平均年成長率

波音預測
4.0%

空巴預測
3.6%

各區域新飛機交付架次 (空巴預測2023-2042)

Number of aircraft

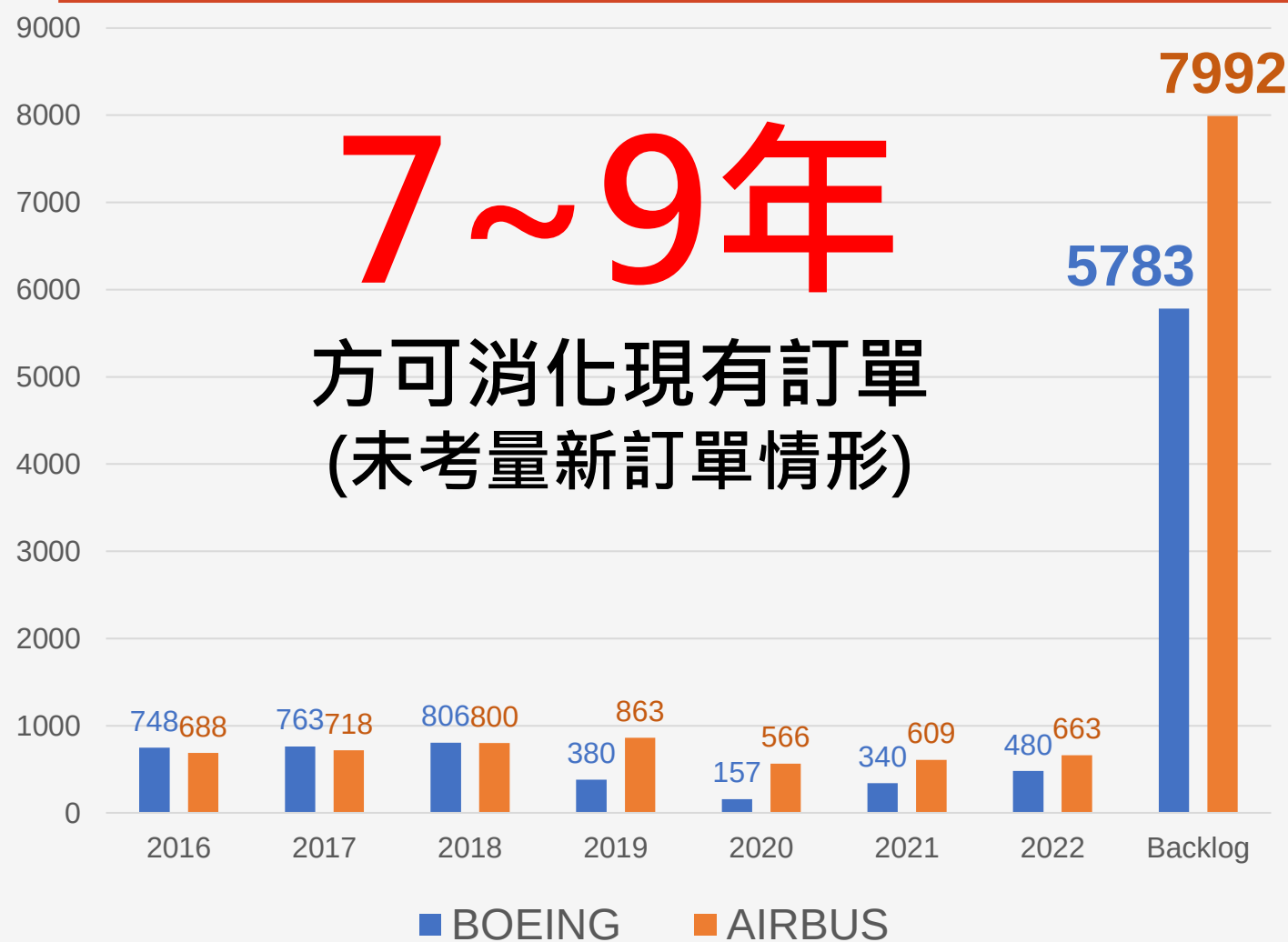


Demand for 40,850 new passenger & freighter aircraft over 2023-2042





產業概況-Aircraft Orders and Deliveries



類別	機型	數量
窄體機	B737	4,504
	B767	104
	B777	429
寬體機	B787	746
BOEING合計		5,783

窄體機	A320/A220	7,273
寬體機	A330	230
	A350	489
AIRBUS合計		7,992

Updated at SPE 2023



產業概況-Forecasted Deliveries

	2018		2019		2020		2021		2022		2023		2024		2025	
 747 Deliveries	0.5 APM		0.5 APM		0.5 APM		0.5 APM		0.5 APM		0.5 APM		0.5 APM		0.5 APM	
	6		6		6		6		1							
 767 Deliveries	2.5 APM		2.5 APM		2.5 APM		2.5 APM		2.5 APM		2.5 APM		2.5 APM		2.5 APM	
	30		33		28		36		35		35		36		35	
 777 Deliveries	5 APM	4 APM	5 APM	5 APM	3.5 APM	3.5 APM	2 APM	2 APM	2 APM	3 APM	3 APM	4 APM	4 APM	4 APM	4 APM	4 APM
	44		56		39		23		25		34		49		48	
 787 Deliveries	12 APM	14 APM	10 APM	10 APM	3 APM	3 APM	2 APM	2 APM	2 APM	4 APM	5 APM	7 APM	8 APM	8 APM	10 APM	10 APM
	143		166		112		37		21		45		85		106	
 737 Deliveries	47 APM	52 APM	52 APM	52 APM	0 - 10 APM	0 - 10 APM	10 - 21 APM	10 - 21 APM	21 - 31.5 APM	21 - 31.5 APM	31.5 - 42 APM	31.5 - 42 APM	42 - 52 APM	42 - 52 APM	52 - 57 APM	52 - 57 APM
	605		606		71		162		302		423		520		621	

Indicative Information Only



公司簡介 Company Introduction

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公司簡介-地理位置 Location



Kaohsiung

DPI to HSR Station – 5 Mins. (90 Min. from Kaohsiung to Taipei)

DPI to Kaohsiung Airport – 25 Mins.

DPI to Kaohsiung Port – 25 Mins.



5 MINUTES

Plant 1: Headquarter

Machining
Hydraulic Forming
Heat Treatment
CMM Inspection



Plant 2

Machining
CMM Inspection
NDT
Shot Peen
Anodizing
Painting
Assembly
Lab



公司簡介-里程碑 Milestone

2001

公司改組，興建駐龍精密一廠



2002

飛機白鐵鈹金技術能量籌建



2006

獲得美商勢必銳公司合格供應商認證



2007

通過美國波音公司合格供應商認證



2012-2013

表面處理工廠完工，並取得波音公司及國際航太國防合約商 (NADCAP) 第三方特殊製程認證



2015

駐龍精密二廠完工，並取得波音及NADCAP 珠擊特殊製程認證



2016

拓展歐洲賽峰集團 (SAFRAN GROUP) 起落架與引擎業務



2019

公開發行並申請上市，擴充機製與板金液壓設備，導入智慧工廠管理系統



2021

三廠興建計畫啟動



競爭力-技術面 Competitiveness-Technical

完備的航太製程能量

From purchasing to machining, forming, HT, NDT, Shot Peen, Anodizing, Assembly and Inspection. All processes are fully integrated and in-house.

波音在台3供應商之一

In Taiwan, only 3 companies are listed in chemical processes approval vendor.
Boeing D1-4426

台灣唯二的液壓成型 技術

In Taiwan, only 2 companies have such aerospace hydroforming equipment.

強勁的國際接單能力

Chemical Process, Shot Peen, NDT Level III and Heat Treatment are all NADCAP & Boeing qualified. Able to take direct business with global major customers.



公司簡介-核心能量 Core Competence

01

Aerospace Parts

Structure Parts:

Boeing program, A320, Bombardier-Challenger 350

Engine Parts: B737max, A320NEO

Landing Gear Parts: A350

02

Special Tooling

Tooling for aviation industry,
composite tooling

03

Others

Including special process
services, CMM services
etc.



公司簡介-全球客戶 Global Major Customers





主要製造機型 Major Programs

AIRCRAFT	SPIRIT	SAFRAN	EGAT	AIDC	SPEQTRUM	ATLAS	HM Dunn	UAC	LAI	APEX
B737系列	V	V	V	V	V	V	V	V		V
B747	V							V		
B767	V		V		V			V		
B777	V		V	V	V			V		
B777X	V		V					V		
B787	V			V	V			V	V	
A220				V						
A320系列		V		V						
A350		V								
CL350				V						



航太特殊製程認證 Special Process Qualification

Process	NADCAP	MIL Standard	BOEING	SAFRAN LANDING SYSTEMS	SAFRAN NACELLE	STELIA	NORTHROP GRUMMAN	UTC Aerospace Systems	LOCKHEED MARTIN SIKORSKY
Heat Treatment (Aluminum)	✓		✓						✓
NDT-Penetrant Inspection (Aluminum)	✓		✓	✓	✓		✓		✓
Sulfuric Acid Anodizing	✓	✓	✓	✓		✓	✓	✓	✓
Chromic Acid Anodizing	✓	✓	✓		✓	✓	✓	✓	✓
Boric Acid-Sulfuric Acid Anodizing	✓		✓						
Chemical Conversion Coating	✓	✓	✓			✓	✓	✓	✓
Passivation	✓		✓						
Shot Peening	✓		✓	✓			✓		✓
Painting	✓		✓		✓		✓		



完整製程能量服務 Integrated Full Fabrication Service

1. Material Procurement



2. CNC Machining



3. Forming



4. CMM Inspection



5. Heat Treatment



6. Non-destructive Test



7. Shot Peening



8. Surface Treatment



9. Painting



10. Assembly



11. Lab



12. Storage





各機段之航太零件 Aerospace Parts by Sections

01

Aero Structure

Beam, bracket, intercostal, rib, fitting...etc.
Boeing 737, 747, 767, 777, 787

02

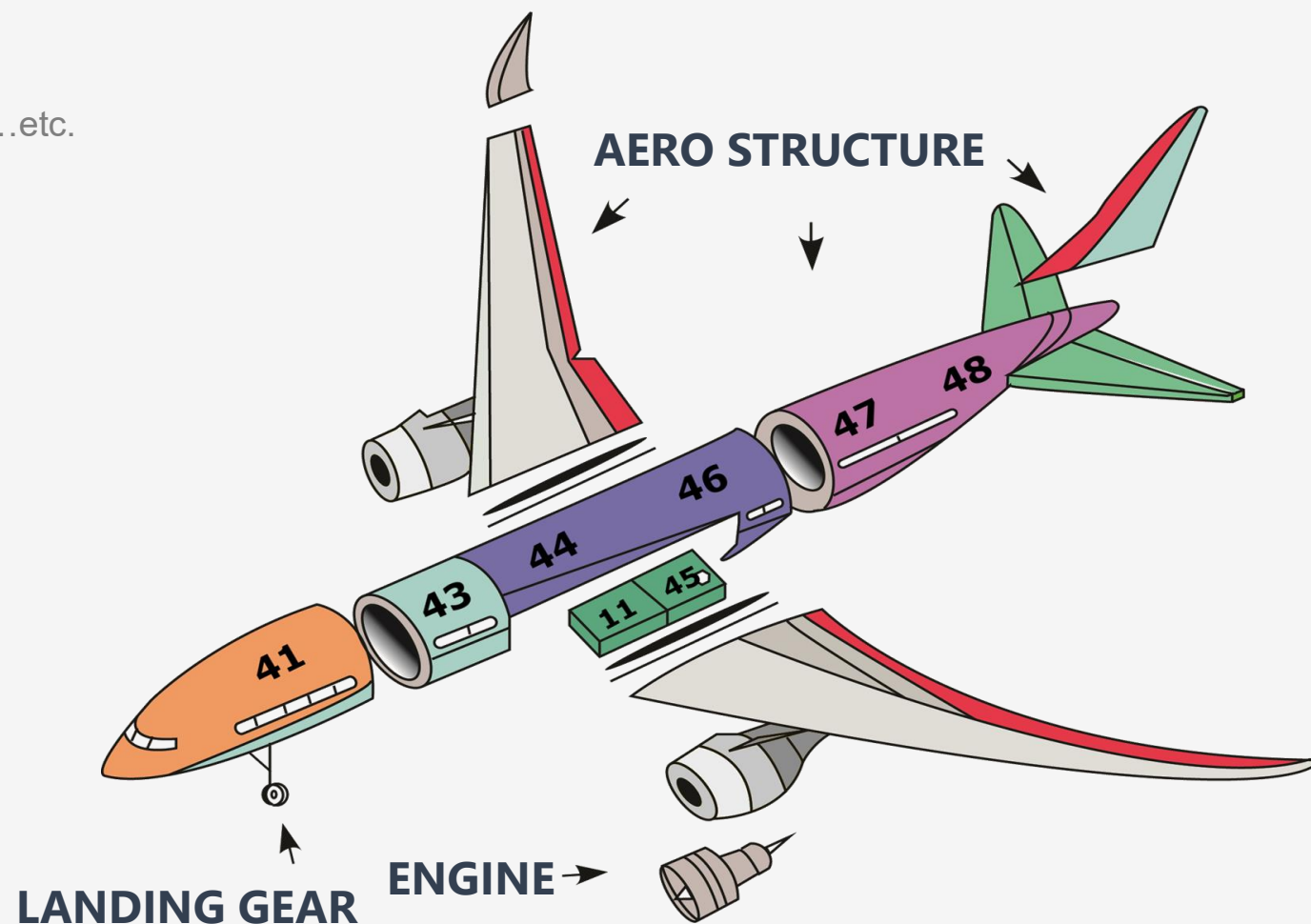
Aircraft Engine

Fairing, grids, brackets...etc.
LEAP-1A, LEAP-1B, Silvercrest

03

Landing Gear

SideStay for A350





主要產品介紹-機身結構 Product Intro-structural parts



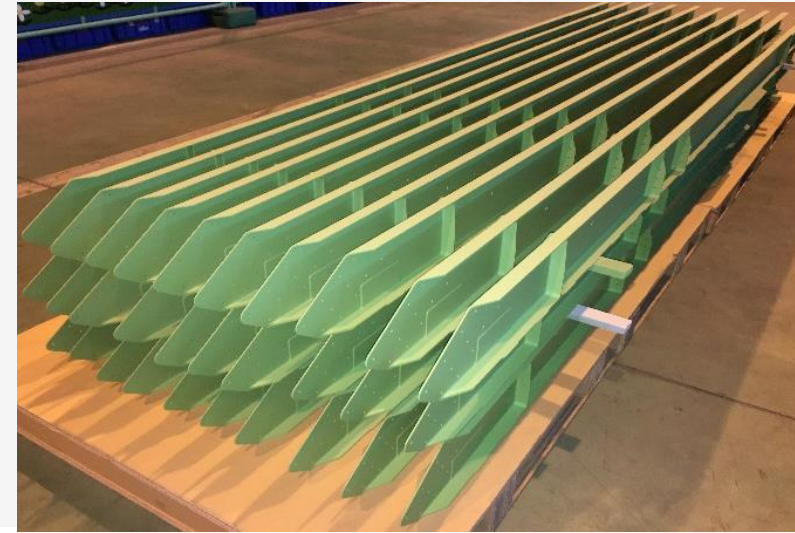
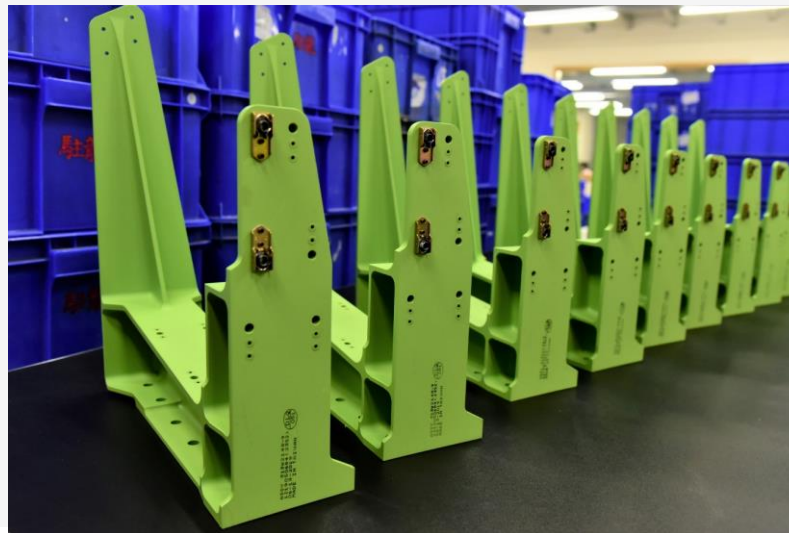
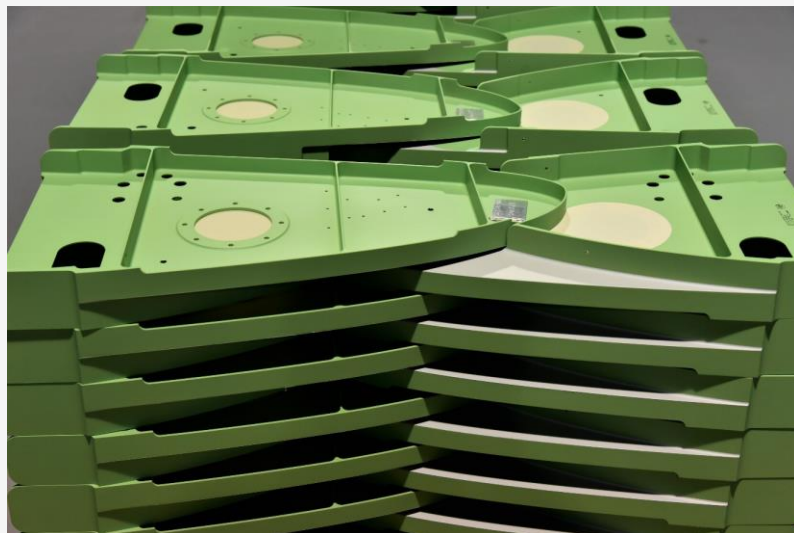


主要產品介紹—機身結構 Product Intro-structural parts



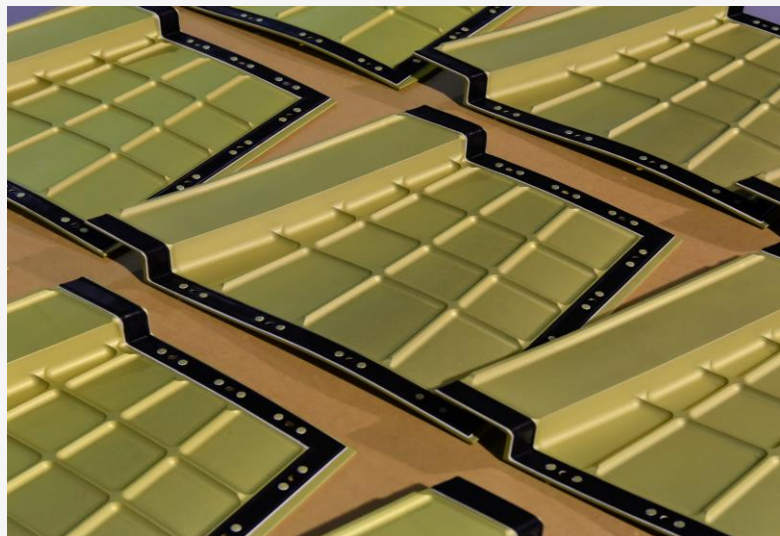


主要產品介紹—機身結構 Product Intro-Structural Parts



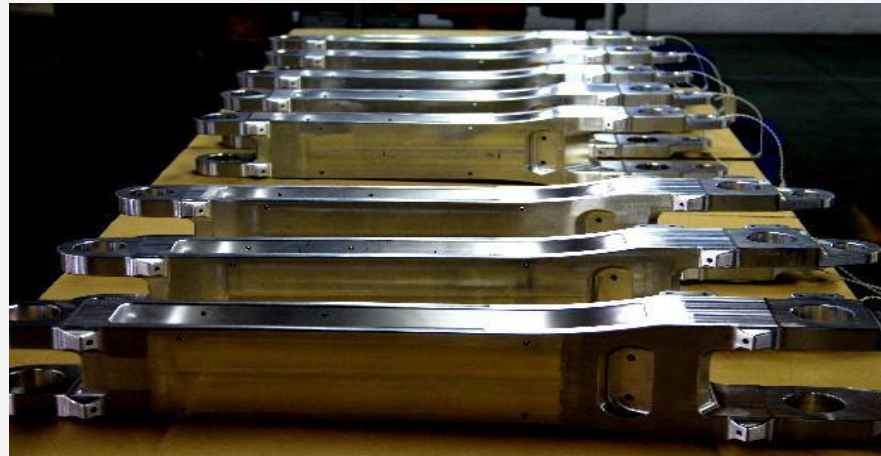


主要產品介紹-發動機 Product Intro-Engine Parts



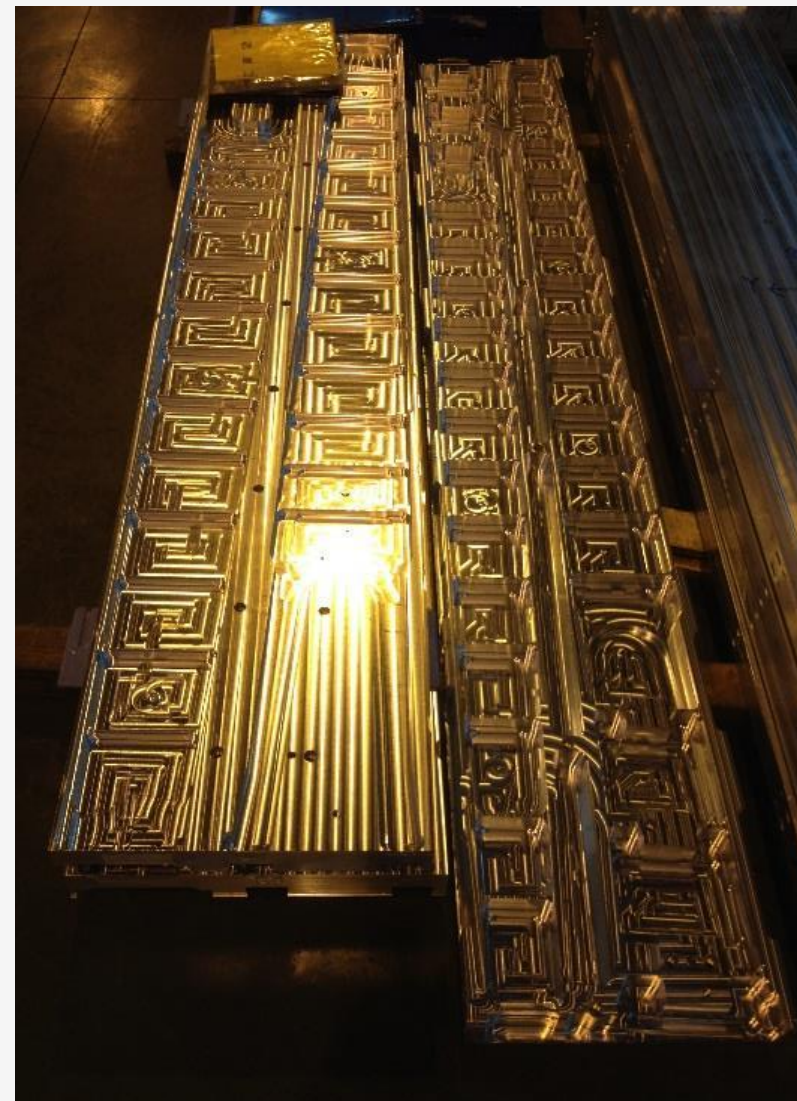
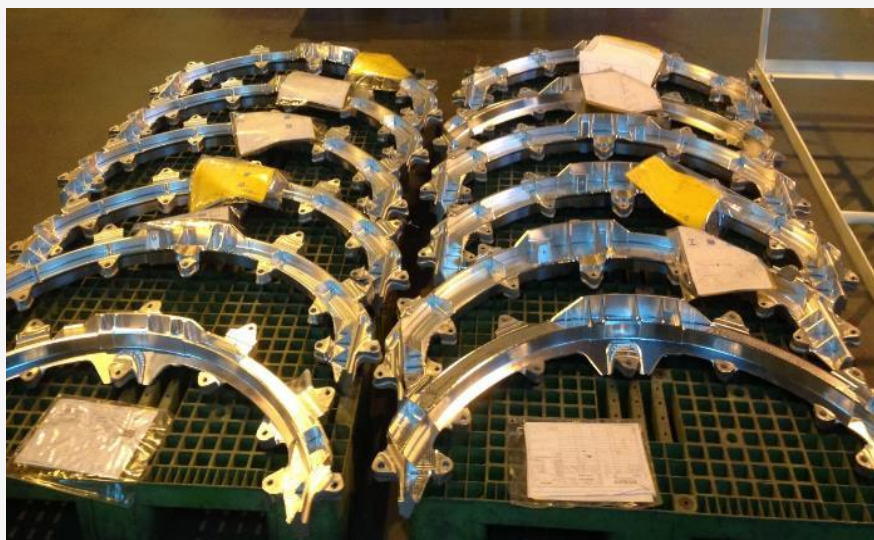


主要產品介紹-起落架 Product Intro-Landing Gear Parts





複雜結構加工件 Complex Machining Parts





客戶的肯定Award from Customers

2015

International Supplier of the Year - Spirit



2018

Performance Supplier - Spirit



2023

Quality Excellence Award - Spirit



2016

Superior Quality & Delivery - Spirit



2022

Success Partner - Spirit





競爭力-財務面 Competitiveness-Finance

疫前連續7年EPS5元 ↑

For past 7 years, EPS are higher than 5NTD, even the capital is increased from 150M to 358M.

高毛利與淨利率

27% NP, the best in Taiwan listed aerospace companies.

營收成長率10-20%

2013-2019 CAGR 17%

長期合約的在手訂單

Backlog at least 5~10 years.

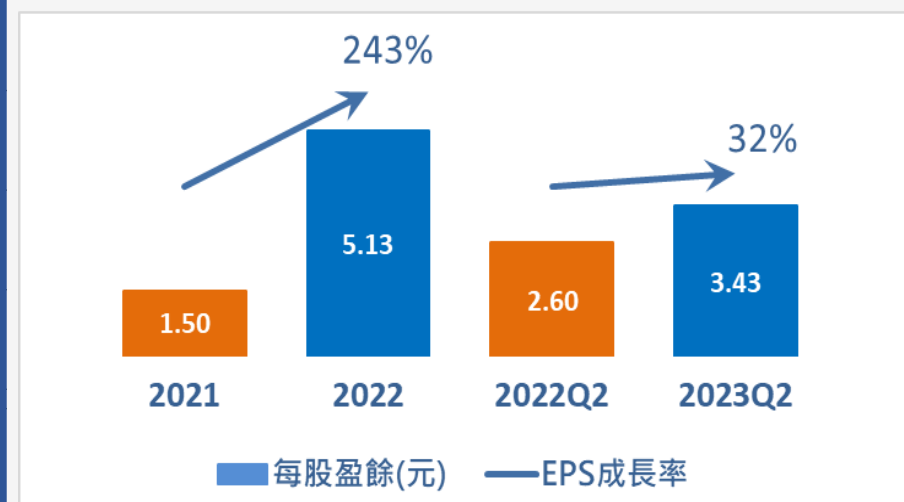
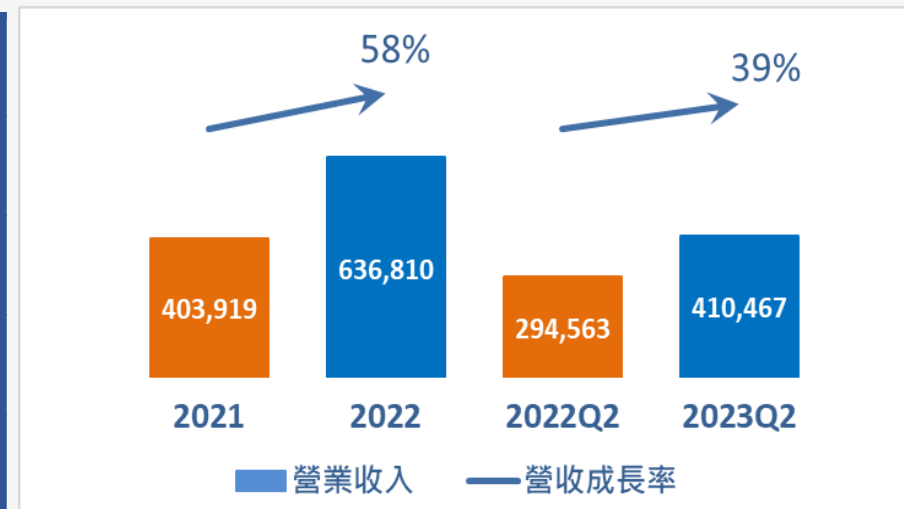


財務分析 Financial Analysis

註:EPS為追溯前，當年度財務報表揭露之基本每股盈餘

NT\$千元

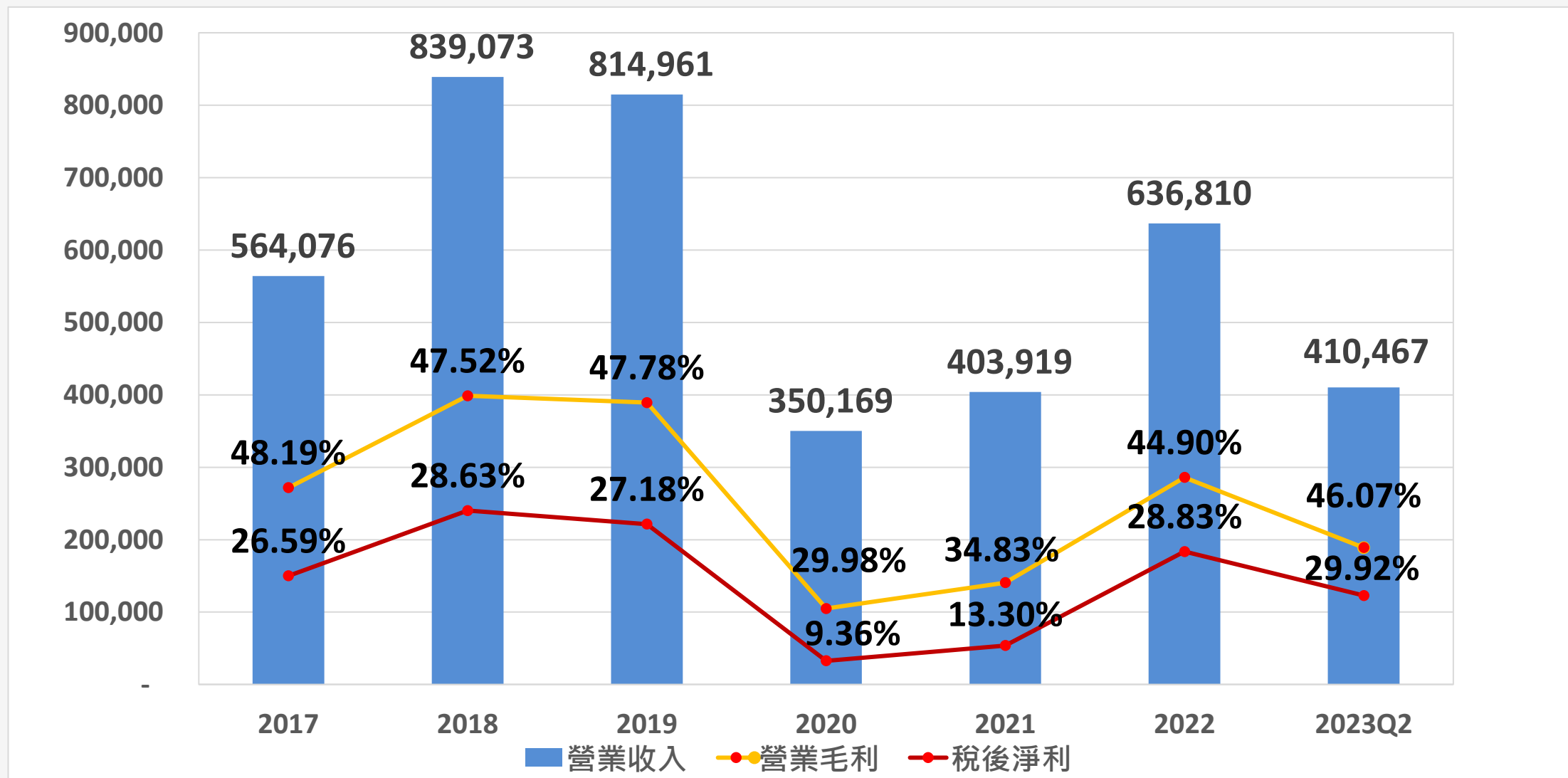
項目	2021		2022		2022Q2		2023Q2	
營業收入	403,919	100%	636,810	100%	294,563	100%	410,467	100%
營業成本	263,249	65%	350,876	55%	167,168	57%	221,349	54%
營業毛利	140,670	35%	285,934	45%	127,395	43%	189,118	46%
營業費用	80,181	20%	101,666	16%	39,908	14%	44,072	11%
營業利益	60,489	15%	184,268	29%	87,487	30%	145,046	35%
營業外收支	3,877	1%	41,885	7%	24,706	8%	19,599	5%
稅前淨利	64,366	16%	226,153	36%	112,193	38%	164,645	40%
本期淨利	53,739	13%	183,570	29%	93,169	32%	122,806	30%
每股盈餘(元)	1.50		5.13		2.60		3.43	





營運狀況表 Statement of Operations

單位:新台幣千元

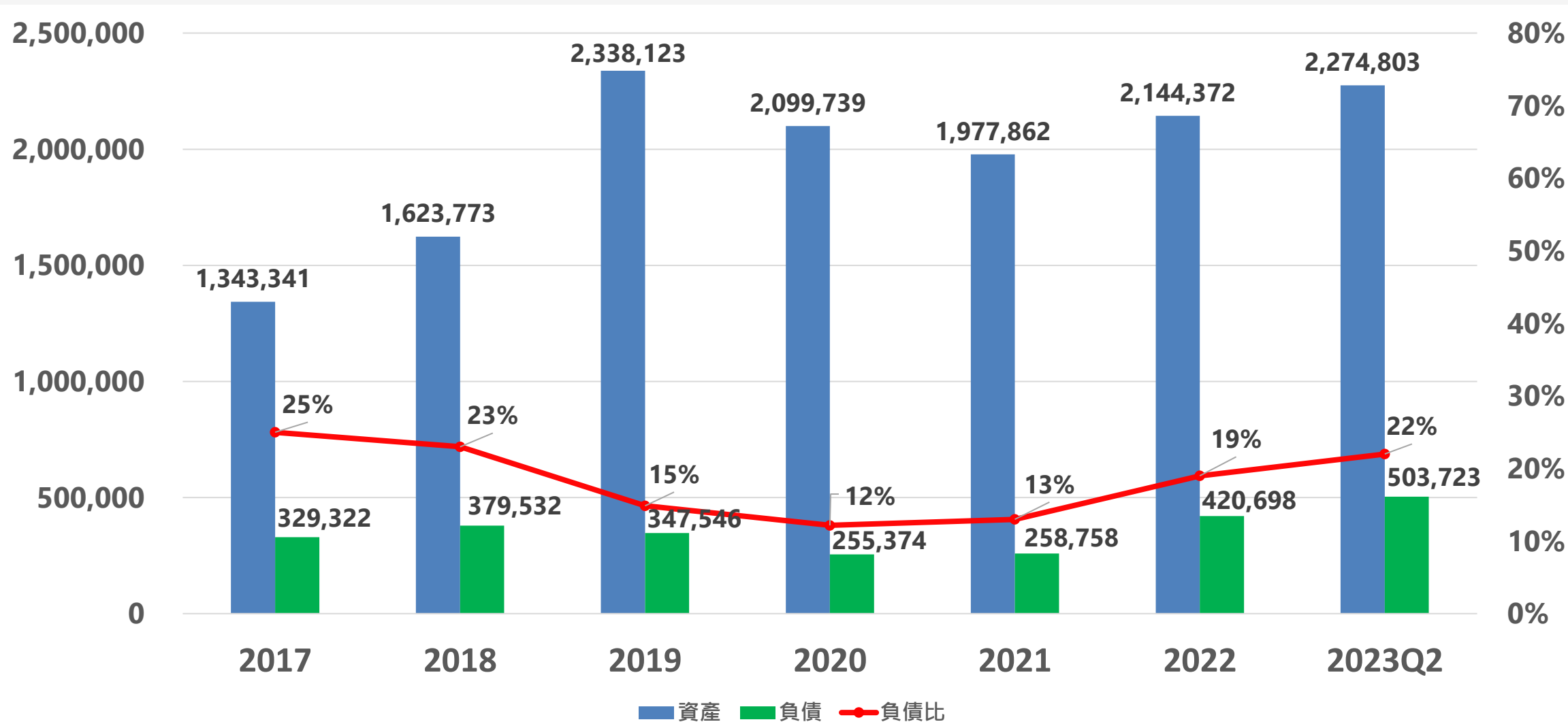


Excellence in Global Aerospace Manufacturing!



財務結構 Financial Structure

單位:新台幣千元



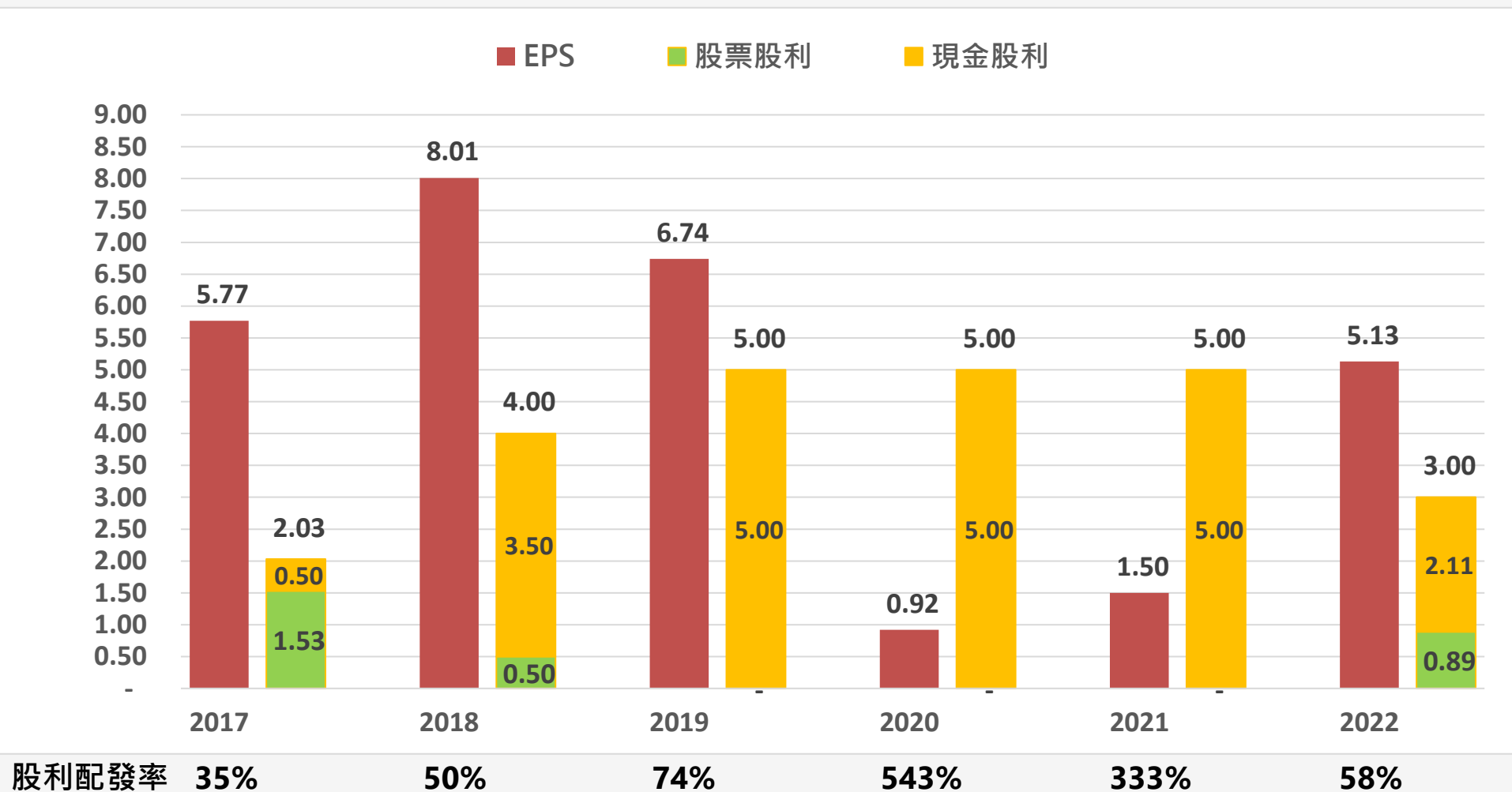
Excellence in Global Aerospace Manufacturing!



股利政策 Dividend Policy

註: EPS為追溯前，當年度財務報表揭露之基本每股盈餘

單位:新台幣元





New 3rd Plant

Location

3rd plant is also located in Renwu district.
15 minutes drive from 1st & 2nd plants.

Land Area

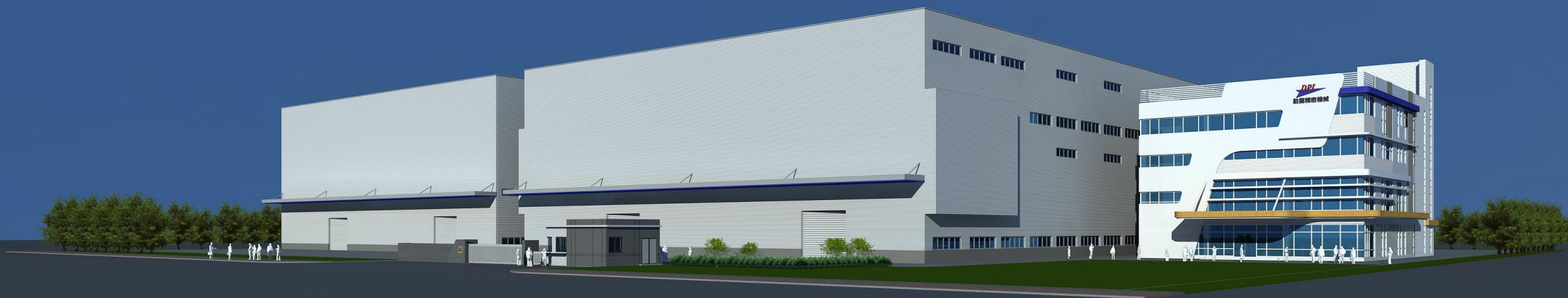
25,600 Square Meter (L-3-1)
(1st plant: 6,500 Square Meter)
(2nd plant: 10,144 Square Meter)

Building

2 factories + 1 office building

Estimated Completion

2024







感謝聆聽
Thank you for your attention

Contact

Summer Li

ir@drewloong.com.tw

<http://www.drewloong.com.tw>