

2018 Annual General Meeting CEO's Presentation

23 November 2018



Emerging world leader in tactical UAV propulsion systems and flight critical components

Global UAV defence outlook





 Proposed spending of \$7 billion for unmanned aircraft systems and associated technologies by the U.S. military in FY19

FY2019 U.S. DoD budget

 An estimated production of 2,530 drones in 2026 worth \$4.4 billion

Teal Group



"Autonomous systems will continue to increase in prevalence for military applications and Australia is a leader in developing unmanned systems."

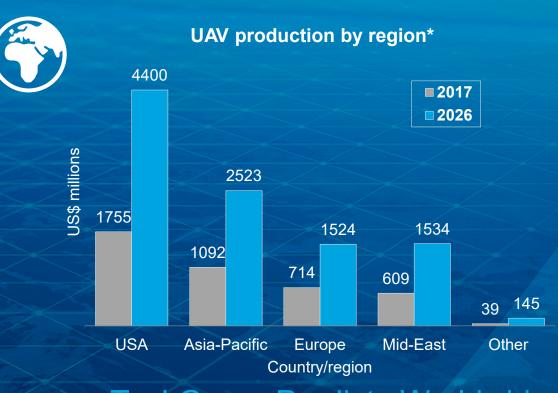
Minister for Defence Christopher Pyne

 Australia to spend nearly \$7 billion buying unmanned military planes from America

SMH

 Australian Navy commissions first unmanned aircraft squadron

ABC



Teal Group Predicts Worldwide
Military UAV Production of
\$80 Billion Over the Next
Decade

Year in review



2018

Revenue
A\$21 million
Net profit after tax
A\$2.2 million
EPS
2.87 cents

Expanded Long Term Agreement with potential value of A\$350 million over five years, signed with Insitu Launch of the revolutionary Orbital UAV Modular Propulsion Solution

Divestment of REMSAFE for unconditional cash consideration of A\$2.2 million Successful delivery of all requested N20 propulsion systems to customer Insitu Achieved FY18
revenue guidance
of A\$22 million
Established
purpose built
U.S. UAV facility

Roll out concentrated Orbital UAV strategy

July 2017 June 2018 October 2018

Where we compete



Combat UAV

Price per aircraft: \$55 million - \$65 million*

• **Payload:** up to 1,700 kg

• Length: up to 11 m

• Wingspan: up to 20 m

Max endurance: 27 hours

Max altitude: 50,000 ft



Tactical UAV

CURRENT FOCUS

• Price per aircraft: \$2.5 million - \$4 million per system**

Payload: up to 5 kg

• Length: up to 2 m

• Wingspan: up to 5 m

Max endurance: 24 hours

Max altitude: 20,000 ft



Mini UAV

Price per aircraft: ~\$180,000 per system***

• Payload: up to 3.5 kg

• Length: up to 0.9 m

• Wingspan: up to 1.5 m

• Max endurance: 60-90 minutes

• Max altitude: 500 ft



^{*} Includes aircraft, sensors, ground control stations, and communications | ** Includes air vehicles or AVs, a ground control station, remote video terminal, launch system and recovery system
*** Includes UAVs, ground control stations and spare parts

Market landscape





^{*} UAS Market Outlook with Special Focus on Tactical Systems, Teal Group Corporation | For the years 2017-2026

Case study: Insitu ScanEagle® propulsion system



ORBITAL UAV supplies the complete, fully assembled and mission-ready ScanEagle® propulsion system

FlexDITM

Revolutionary fuel delivery and engine management components

Proprietary Combustion System

Compact Engine Package

High power-to-weight ratio



Electronic Control Unit

Light weight military specification

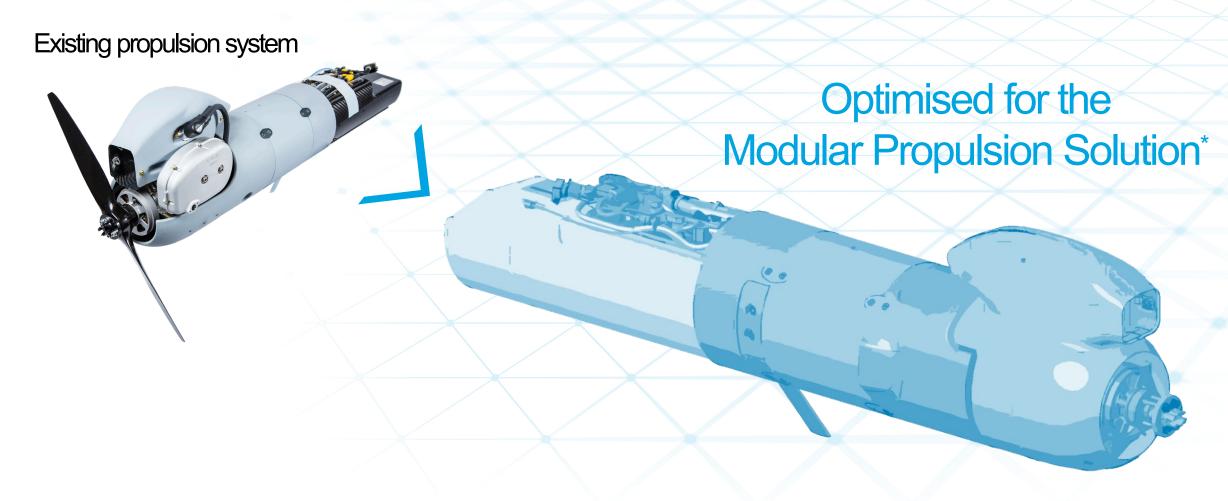
Ultra-light Weight Fuel & Oil Tank System

Specialised Muffler

Minimises noise and temperature signatures

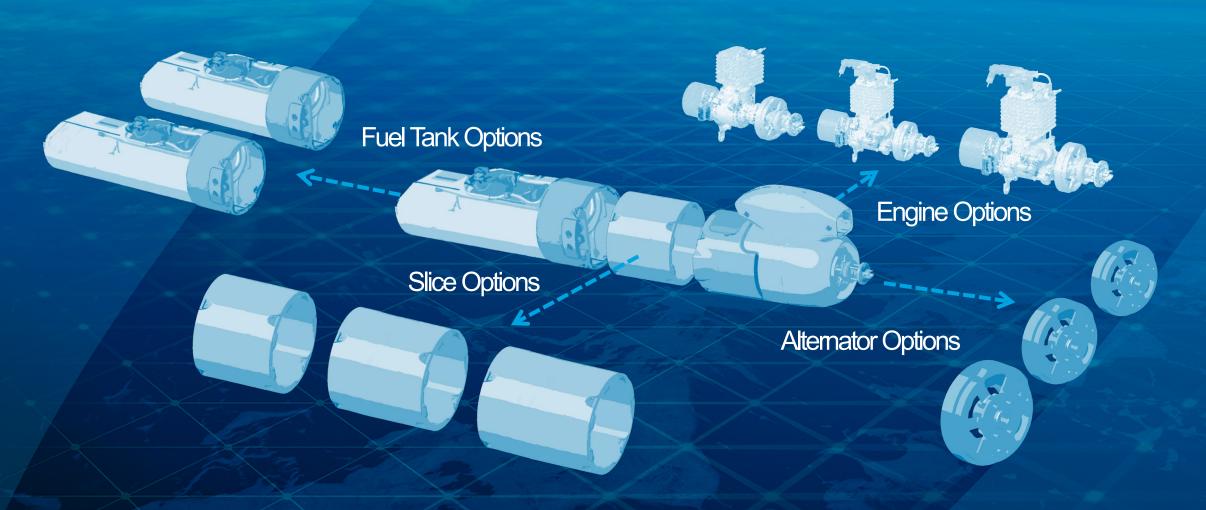
Evolution of the propulsion system





Introducing the revolutionary Modular Propulsion Solution*





Strong existing relationships



ORBITAL UAV has existing relationships with the largest players in the tactical UAV market



2016 LTA

3 years

A\$40-120M

1 engine: 1 platform

2018 LTA

5 years (from October 2018)

A\$120-350M

5 engines : entire fleet

TEXTRON Systems

Total sales to date ~A\$18M

Expanded Insitu LTA

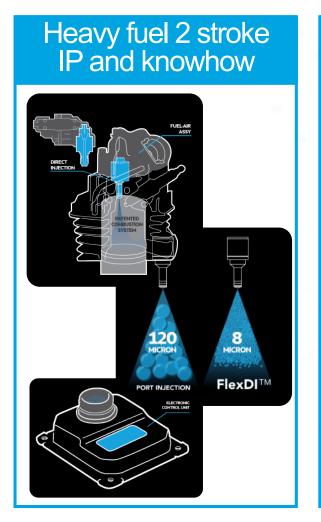






Global experience and expertise





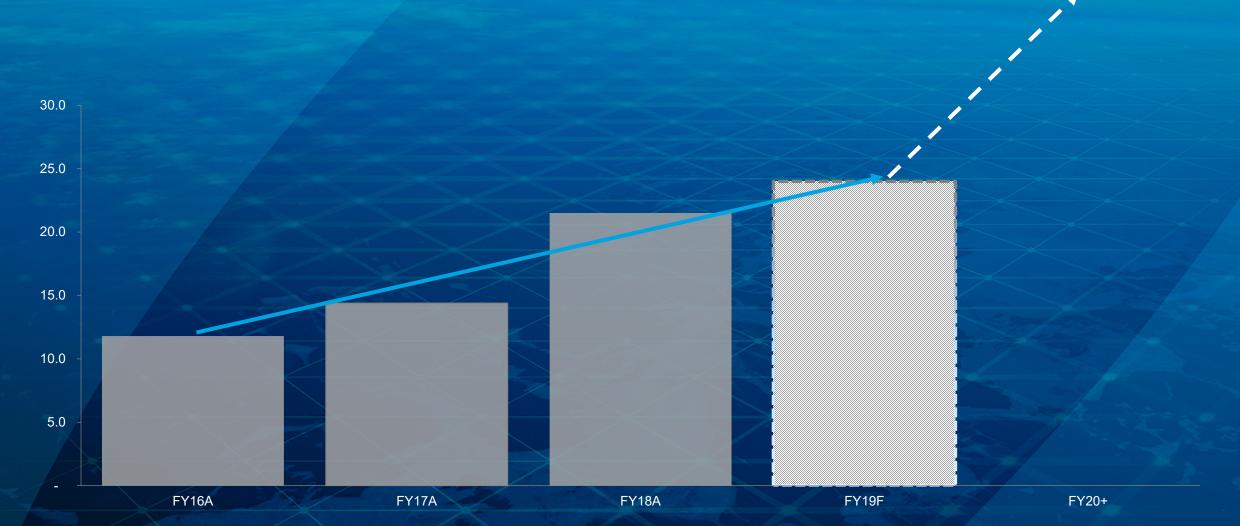






Revenue guidance FY19





Closing remarks



- UAV strategy, focused on capturing tier one customers in the \$14.6 billion tactical UAV market.
- Mitigated revenue volatility of one product / one platform business.
- Revolutionary Modular Propulsion Solution enables rapid deployment across multiple platforms.
- Demonstrable growth through significantly expanded Long Term Agreement with Insitu Inc.
- Five engines in production in 2019.
- FY19 revenue guidance of A\$24 million reflecting H1 development of Modular Propulsion Solution.

Board of Directors and Management



Board of Directors



John Welborn
Chairman
Non-Executive Director



Todd Alder Chief Executive Officer and Managing Director



Steve Gallagher
Non-Executive Director



Terry Stinson
Non-Executive Director



Kyle Abbott
Non-Executive Director

Management



Todd Alder
Chief Executive Officer &
Managing Director



Roule Jones
Chief Financial Officer
& Company Secretary



Dr Geoff CathcartVP Chief Technical Officer



John Tubb
General Manager APD



Martin Johnston
General Manager
Operations



Liezl Ulrich
Organisational
Development Manager



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