



SEA

BUSINESS OVERVIEW

- ▶ MACKAY CONSOLIDATED INDUSTRIES (MACKAY)
- ▶ EXCELLENCE IN RUBBER AND ENGINEERING
- ▶ 100% AUSTRALIAN FAMILY OWNED
- ▶ ESTABLISHED IN 1932
- ▶ 120 EMPLOYEES
- ▶ AU\$27M PA REVENUE
- ▶ LOCATED IN MELBOURNE, AUSTRALIA
- ▶ RELOCATED TO A NEW SITE DECEMBER 2021
- ▶ BUSINESS UNITS: TECHNICAL, RAIL, INDUSTRIAL, AUTOMOTIVE, DEFENCE
- ▶ DEFENCE SEGMENTS: LAND, SEA, AIR AND WEAPON SYSTEMS



KEY CUSTOMERS AND PARTNERS

- ▶ AUSTRALIAN SUBMARINE CORPORATION (ASC), COLLINS CLASS SUBMARINE.
- ▶ TECHNICAL SUPPORT AGENT (TSA) TO ASC
- ▶ BAE SYSTEMS (AUS): ESSM & NULKA INTERNAL AND EXTERNAL COMPONENTS.
- ▶ BAE SYSTEMS (UK): TYPE 26, PIPE HANGER INSERTS.
- ▶ BAE SYSTEMS (USA): ESSM MK25 CLOSURES.
- ▶ BOEING AEROSTRUCTURE AUSTRALIA: SEALS
- ▶ CAPABILITY ACQUISITION AND SUSTAINMENT GROUP (CASG): M113 - TRACKS PADS, BALLISTIC TRACK SHROUDS, RUBBER MATS, TRACK TOOL KITS.
- ▶ COOK DEFENCE (UK): TRACK PADS
- ▶ DEPARTMENT OF DEFENCE (DOD): VARIOUS COTS PRODUCTS.
- ▶ DEFENCE SCIENCE AND TECHNOLOGY (DST)
- ▶ ROCKET MOTOR INSULATION AND PROPELLANT.
- ▶ SOCITEC: WIRE ROPE MOUNTS.
- ▶ ST ENGINEERING LAND SYSTEMS: BIONIX, COMPLETE TRACK SYSTEMS (INCL TRACKS, ROAD WHEELS, PADS, SUPPORT ROLLERS), SEALS, MOUNTS, HOISING.
- ▶ THALES: HAWKEI COMPONENTS.



AIR

VALUE PROPOSITION

- ▶ MACKAY IS A RUBBER AND RUBBER COMPOSITES MANUFACTURER ENCOMPASSING DESIGN, DEVELOPMENT, MANUFACTURE AND THROUGH-LIFE SUPPORT.
- ▶ MACKAY'S TECHNICAL COMPETENCY INCLUDES SYSTEM INTEGRATION AND SIGNATURE MANAGEMENT SOLUTIONS DERIVED THROUGH THE FOSTERING OF PARTNERSHIPS, PRODUCT INNOVATION AND NEW PROCESS CAPABILITIES.

DELIVERING A NEW POSSIBLE



CAPABILITIES

- ▶ ENGINEERING, DESIGN, FEA, MATHEMATICAL LIFE MODELLING, PRODUCT SIMULATION
- ▶ COMPOUND DEVELOPMENT AND TESTING
- ▶ INHOUSE MATERIAL COMPOUNDING
- ▶ A FULL SUITE OF RUBBER PROCESS CAPABILITIES E.G. EXTRUSION, COMPRESSION, TRANSFER AND INJECTION MOULDING
- ▶ PRESS CAPABILITY OF UP TO 1,000 TONNE AND PLAN AREAS OF 1.5 X 2.4MTR
- ▶ HAND-BUILD CAPABILITY
- ▶ MAXIMISATION OF AIC DUE TO COMPREHENSIVE CAPABILITIES



QUALITY APPROVALS AND AWARDS

- ▶ AS/NZS ISO9001:2015
- ▶ AS/NZS ISO14001:2015
- ▶ ISO/IEC 17025:2017
- ▶ AUSTRALIAN TRUSTED TRADER (AUSTRALIAN BORDER FORCE)
- ▶ 2019 ASC SUPPLIER OF THE YEAR
- ▶ 2018 ESSINGTON LEWIS AWARD: CATEGORY WINNER OF MINOR SUSTAINMENT ACTIVITY UNDER \$20M.



WEAPON SYSTEM

DISCRIMINATORS

- ▶ TECHNICAL SERVICES: ENGINEERING & CHEMISTS - WE DO DIFFICULT.
- ▶ NATA ACCREDITED LABORATORY.
- ▶ SECURITY: DISP MEMBERS AND ITAR/EAR COMPLIANT WITH APPROVED SECURE MANUFACTURING FACILITY.
- ▶ UNIQUE MATERIALS SOURCED GLOBALLY E.G. AERONAUTICAL GRADE MATERIALS, ABLATIVES, PRE-PREG, ADHESIVES AND CONDUCTIVE RUBBERS.
- ▶ SPECIALIST EQUIPMENT: RUBBER PROCESSING ANALYSER (RPA) AND 3D LASER NON-CONTACT SCANNING.
- ▶ EXPERIENCED DEFENCE EXPORTER: USA, SINGAPORE, GERMANY AND UK.



LAND

