



TIME HONORED HERITAGE AND TRADITION

A Timeline of
our Evolution

1945
**BRUNSWICK ESTABLISHES
TECHNICAL GROUP,
DEFENSE DIVISION**

1955
First fiber glass pressure
vessel (PVs)

1959
Brunswick begins winding rocket
motors in Marion, Virginia

1963
**LINCOLN PLANT
ESTABLISHED**

1965
Fiber glass overwrapped
elastomer liners for aircraft PVs

Scout MC

1969
Skylab COPV's, 1st man-rated
stainless lined fiberglass
overwrapped PVs

Sprint MC

Skylab Oxygen Tank PV

GENERAL DYNAMICS
Ordnance and Tactical Systems

1972
Scout Altair III MC

Apogee, FW-5 MC

F-111 PV

1974
1st carbon MC

1st bonded boss PV

Peacekeeper 2nd stage MC

1975
1st registered ASME
Section X PV

Viper MC and Launch Tube

F-16 PV

1976
Space Shuttle COPV's, 1st
man-rated Kevlar® overwrapped,
metal-lined spherical PVs

1979
IUS (Inertial Upper Stage) MC

1980
Ultra-high pressure vessel
50,000 psi PV for USN
China Lake

1981
30mm Gun Pod PV

1982
Minute Man III 3rd stage MC

1983
Trident D-5 3rd stage MC

MLRS Launch Tubes

1984
1st all carbon aluminum lined PV

Polaris remanufacture

1985
Titan Centaur PV

1987
Orbus 6 and 21 MC

VT-1 MC

EH-101 PV

1989

ERINT MC

1990

MC production includes Peacekeeper, Trident II, Minuteman III

1992

1st all composite PV

1993**BRUNSWICK COMPOSITES BRAND ESTABLISHED**

Technical Group supercedes Defense Division

1994

Cassini PV

1995**TECHNICAL PRODUCTS GROUP (TPG) FORMED AND ACQUIRES BRUNSWICK TECHNICAL GROUP****LINCOLN COMPOSITES BRAND ESTABLISHED AS TPG COMPANY**

AXAF (Chandra) PVs

International Space Station PVs

1996

PAC-3 CRI MC, Midsection and Seeker Housing

Space Station ISSN PV

1997**TPG FORMS ADVANCED TECHNICAL PRODUCTS (ATP)****1998**

All composite PVs certified in U.S., Canada, Europe and Japan

2001

Largest carbon/aluminum COPV pressurant tank

2002**GENERAL DYNAMICS ACQUIRES ATP****2003**

PAC-3 MSE MC

2009

1,000th PAC-3 CRI MC Midsection and Seeker Housing delivered

Virgin Galactic SpaceShip Family FPT and MOT PVs

Arrow 3 Booster and Kill Vehicle MC

2010

Orion MPCV PVs

2012

Space Launch System (SLS) Core Stage and Exploration Upper Stage (EUS) PVs

2013**GENERAL DYNAMICS ARMAMENT AND TECHNICAL PRODUCTS CONSOLIDATES INTO GENERAL DYNAMICS ORDNANCE AND TACTICAL SYSTEMS**

2,000th PAC-3 CRI MC Midsection and Seeker Housing delivered

2014

Standard Missile-3 Blk 2A MC and Interstage

2016

GMLRS IM Motor Case

PrSM LT

2017

Arrow 3 Booster and Kill Vehicle

PrSM MC

2019

Opened 50,000 sqft expansion

2021

GMLRS LPC

MAPS MCs

SM-6 Blk 1B MC

2022

HACM Hypersonic MC

3,586th (and final) PAC-3 CRI MC shipped

2023

Opened 110,000 sqft off-site expansion

Over 2,600 PAC-3 MSE MCs delivered

Over 6,500 PAC-3 CRI and MSE Midsections and Seeker Housings delivered