



A Leading Aerospace Engineering & Manufacturing Subcontractor

Company Overview

- Primary & detailed parts, subassemblies & ready to fly assemblies from composite materials, sheet & block metal
- Built to print / Built to spec
- Turnkey solution subcontractor
- Aerospace, Medical Devices, Wind Energy, Space & Defense
- Privately held company established in 1986, 180+ employees

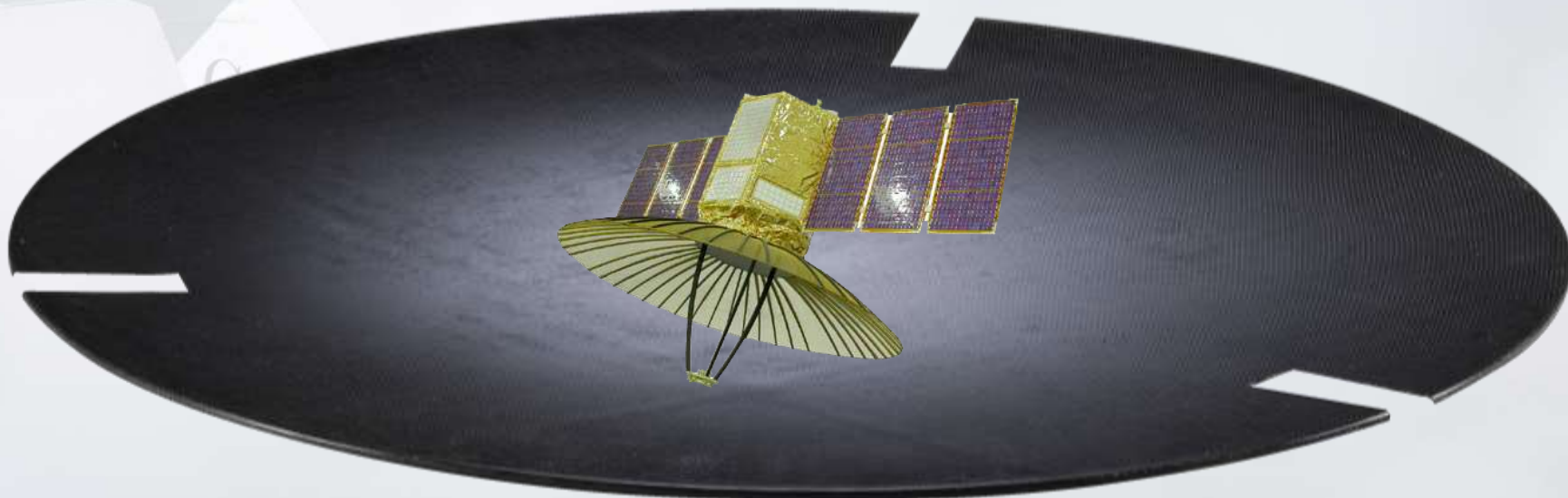


Certifications & Qualifications

- AS9100D & ISO 9001:2008
- Nadcap
 - Composites (incl. RTM & Laboratory)
 - Heat Treating
 - Chemical Processing (Alodine 1200s & 600)
- Global OEM certifications:
 - Boeing – HT & Chemical conversion
 - UTAS (Hamilton Sundstrand) – HT
- Accredited for Welding Steel, Stainless Steel, Aluminum and Inconel 625

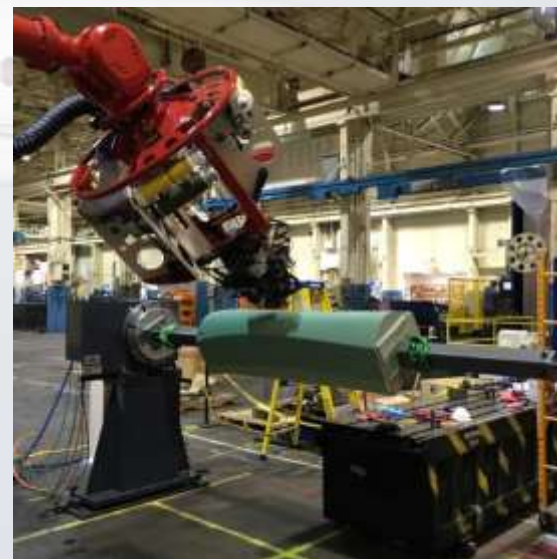


Kanfit in Space



CF Central Satellite Dish and Hybrid Gore
Kanfit delivered a complete set of dish and gores to the customer
Kanfit parts are in space since 2013

- Technology: Automated Fiber Placement
 - Chosen by Israel's government as the National Center of Knowledge
 - Development of shaped high pressure / pressurized tanks
 - Ingersoll machine:
 - Planned delivery date: June 2018
 - 2m x 1m x 1m working envelope
 - High complexity
 - Complex part design already started



Additive Manufacturing / 3D Printing of Ti64 G5



מאגד עתיד, פיתוח טכנולוגיות מתקדמות להדפסה תלת-ממדית למבני טיטניום תעופתיים

**AATiD, Development of Advanced
Technologies for Three-Dimensional
Printing of Titanium Aero-structures**



- Kanfit has been awarded an EC Horizon 2020 grant as part of HYPERDIAMOND, an 11-company consortium



- Closed shape automated filament winding & HP-RTM development program with an EU partner



- Commercial

- Business Jets
 - G280– **4,000** P/Ns / Plane
- Conversions and modifications
- 2nd Tier: 787, A380, Gulfstream, Embraer, Bombardier BJs & C Series, Bell 525, AgustaWestland AW189, etc.



- Military

- F15, F16, F18, F35, V22, CH53, CH47, AH64, C17, Eurofighter Typhoon, A400, etc.
- Missile countermeasure system components:
Chaff & Flare magazines and dispensers



- UAV

- IAI: Heron & Eitan
- Elbit: Hermes 450 & 900



- **Composites**

- Resin transfer molding (RTM)
- Liquid resin infusion (LRI)
- Prepreg – oven and vacuum
- Wet lay up
- Autoclave 2.13m x 5.5m (7' x 18')



**3.5M Glass Layup
Tool for Autoclave**

- **Sheet & Block Metal Primary Parts**

- Machining
 - CNC/Conventional
 - High speed CNC router
- Forming
- Welding (Argon TIG)
- Heat Treatment
- Chemical Processing (Alodine 1200s / 600)
- Painting

- **Assembly**

- **Plastic**

- Hot and Vacuum forming
- Transparencies

- **Ti 3D Additive Manufacturing**



**Engine
Cowling**

Autoclave Products



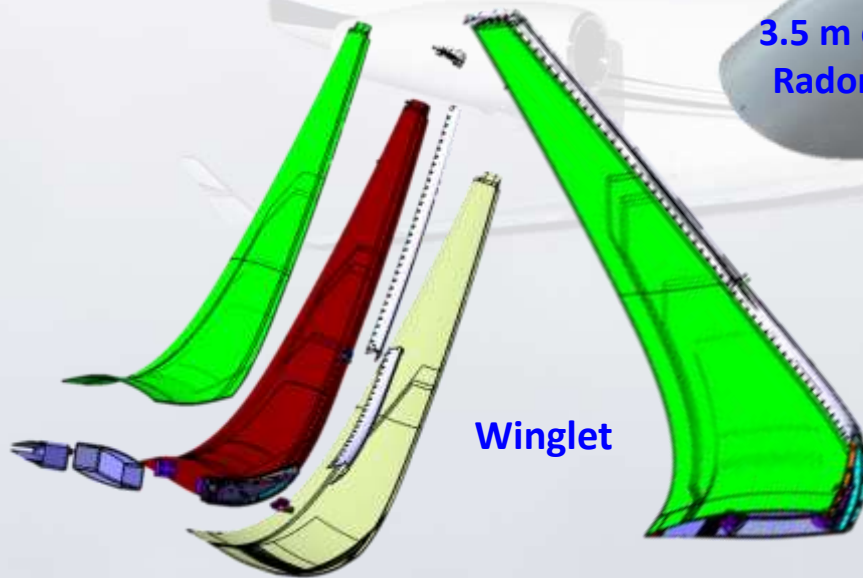
Wing to belly fairing



Wing
to body
fairing



3.5 m quartz epoxy satellite communications
Radome with custom designed QE prepreg



Winglet



Hybrid main landing gear
door (critical component)

Out-of-Autoclave Composites



UAV wingtip
(bonded assembly)



RTM antenna



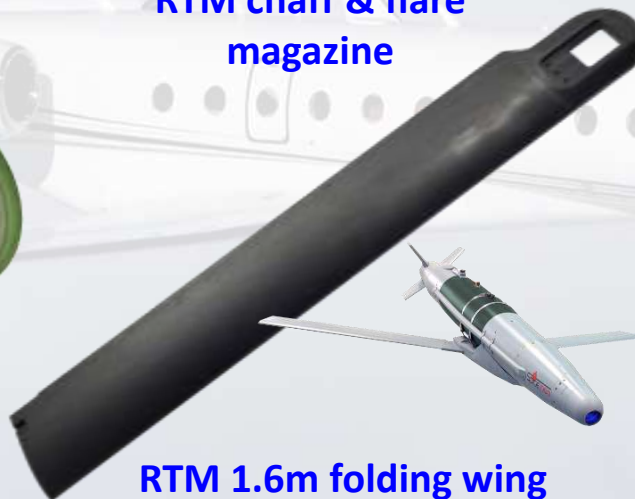
Wing tip fairing



RTM chaff & flare
magazine



9" dia duct

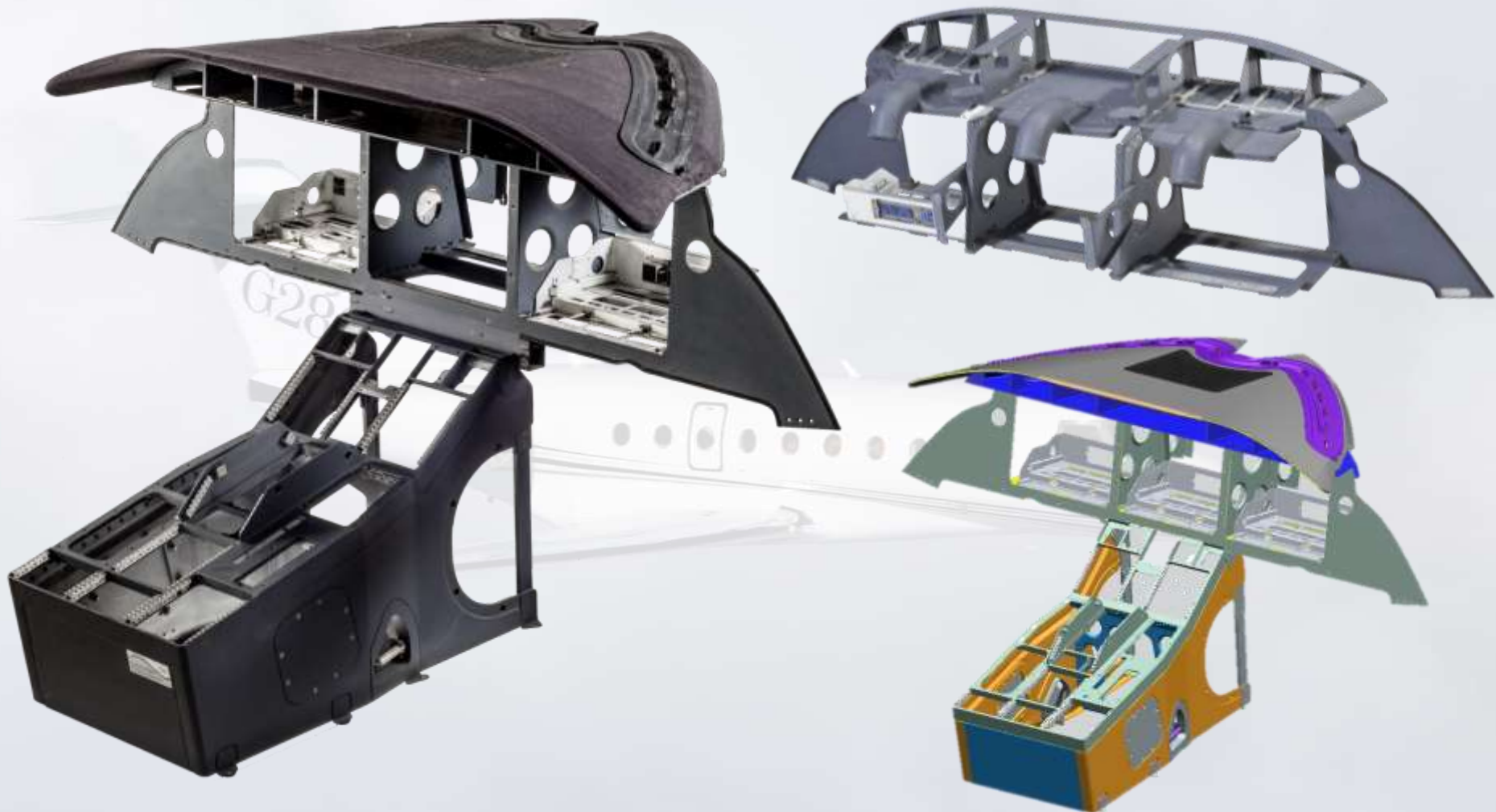


RTM 1.6m folding wing



UAV engine cowling

Cockpit Structures



Manufacturing Capabilities—Metal



Primary
parts



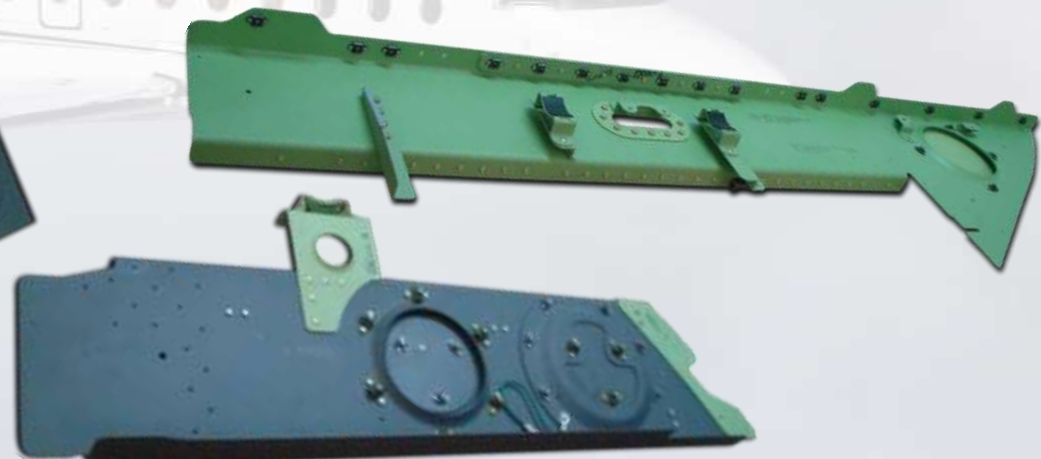
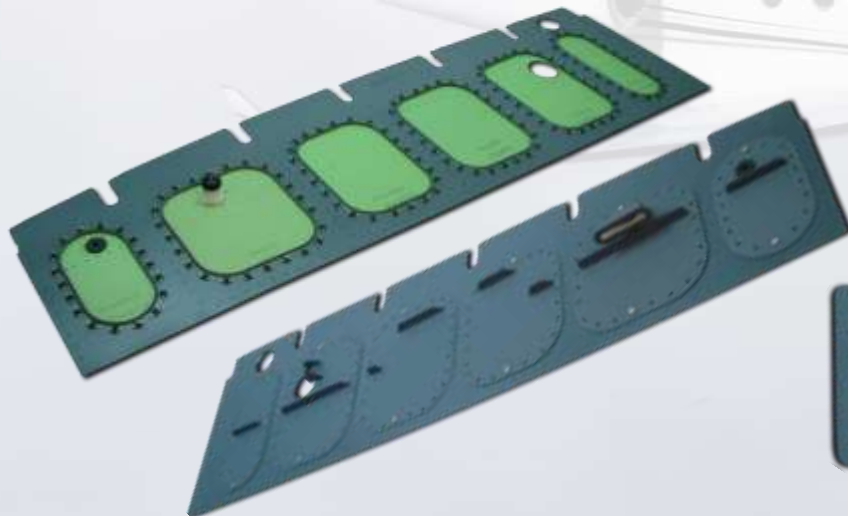
Tubing



Welding



Subassemblies



Manufacturing Capabilities—Assemblies



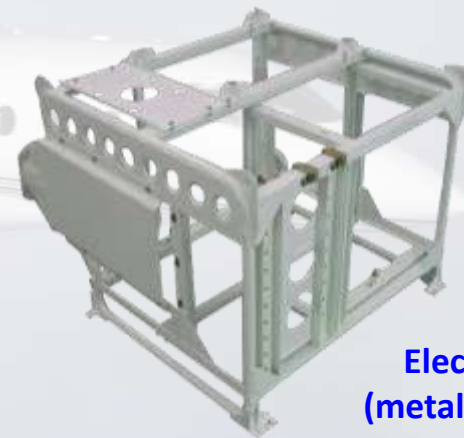
All metal MLG door



Auxiliary door
(cabin to baggage)



Hybrid avionics door
(composite skin, metallic hinges,
latch assemblies)



Electronics tray
(metal & composite)

Delivered “ready to fly” directly to customer’s assembly line.

"They have maintained high levels of delivery & quality performance, regularly achieving 100% OTIF and zero defects." – Senior Aerospace, UK

"Kanfit have been very helpful in accepting the "spirit" of the program and working to exceed our customers written requirements to fulfil their actual expectations!" – The Gill Corporation, UK

THANK YOU

"We are sure that Kanfit will be a tremendous asset to your company" – IAI CAG, Israel

"The quality of your parts is significantly higher than parts delivered previously by other suppliers..." – Controp, Israel