IMS Overview Briefing

2020

CORPORATE OVERVIEW

PRIVATELY OWNED & OPERATED

- Est. 1963, current ownership since 1994
- Culture of developing innovative technological solutions in a rapid & agile production environment
- Space, Aviation, National Security & Defense
- A new breed of prime integrator (80% from U.S. gov't direct)

CORPORATE HEADQUARTERS: SPARKS, NEVADA

- Supports business areas, subsidiaries & affiliates with nearly 4,000 personnel at 33 facilities
- Facilities in 19 U.S. states, England, Germany and Turkey

25% AVERAGE ANNUAL CORPORATE GROWTH

- 2018 Projected Revenue of $2B
- Strong financial position in the industry; continuous profitability; no long term debt
- Primarily internal growth with 20 strategic acquisitions

COMMITMENT TO EXCEEDING CUSTOMER EXPECTATIONS

- Responsiveness, professionalism, discipline, high standards of character & integrity
- Constantly seeking out new ideas, technologies and process improvements
- Virtual enterprise with cross-pollination to leverage technologies

SYSTEMS ENGINEERING, INTEGRATION, NETWORKING COMPETENCIES

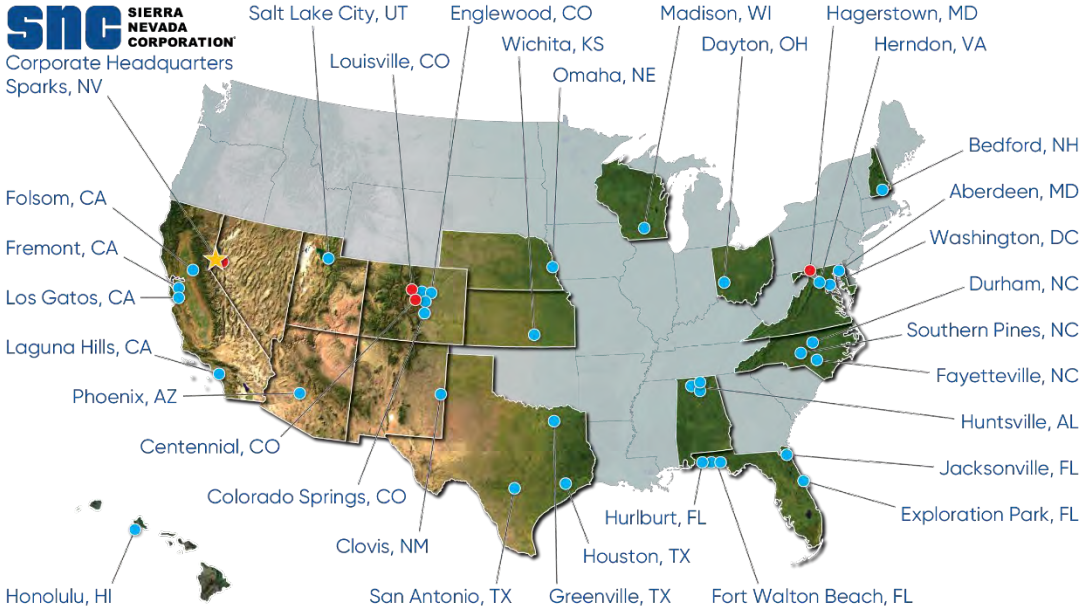
- End-to-end, concept-to-completion solutions with numerous fielded systems
- Commitment, collaboration & long-term focus on customers
- Demonstrated QRC expertise with open architecture solutions

33 Locations in 19 U.S. States, England, Germany and Turkey

Corporate Headquarters
Sparks, NV

Business Area Headquarters
Space Systems (SSG); Louisville, CO
ISR, Aviation & Security (IAS); Centennial, CO
Integrated Mission Systems (IMS); Hagerstown, MD
Electronic & Information Systems (EIS); Sparks, NV

Field Offices



Wholly owned operating subsidiaries:

328 SNC
3S
StraightFlight A SUBSIDIARY OF SIERRA NEVADA CORPORATION
SIERRA COMPLETIONS SNC
KUTTA RADIOS SNC

SNC MAJOR PROGRAMS: 2007 - 2018

- NASA Commercial Resupply Services 2 (CRS2)
- NASA Commercial Crew & Integrated Capability (CCiCap)
- Air Force BPC Light Air Support (LAS) International (A-29)
- Air Force PC-12 Pilatus
- Air Force NSAV Light & Med
- Air Force C-130 Modifications (Avionics, Electronic Warfare, Mission Networking)
- Air Force Gorgon Stare Wide Area Surveillance, 'Big 25' Award from C4ISR & GEOINT Award
- U.S. Customs & Border Protection – Multi-role Enforcement Aircraft
- NAVY & SOCOM CREW/Thor Jammers
- ARMY MARSS TF-ODIN
- ORBCOMM Gen 2 Satellites
- Space Test Program Satellite-5 or STPSat-5
- Air Force Knight Ryder

SNC AWARDS & RECOGNITION:

- "Best of What's New," featuring the *Dream Chaser*® spacecraft, Popular Science
- World's Top 10 Most Innovative Companies in Space, Fast Company
- America's Fastest-Growing Private Companies, Inc.
- Tier 1 Superior Supplier for U.S. Air Force
- Aerospace Company of the Year
- Top Women-Owned U.S. Government Contractor
- Fastest Growing Women-Owned Company in North America
- Aviation Entrepreneurs of the Year
- Living Legends of Aviation
- Best Places to Work: Reno/Tahoe, Denver, Florida
- Top Woman-Owned Firm for Excellence
- Women Role Model of the Year
- Distinguished Business of the Year
- Honorary Doctorate of Science -- University of Nevada, Reno (2016)
- Family Owned Business Award -- Nevada Business Magazine
- Carnegie Corporation of New York's "Great Immigrants, Great Americans"
- Service to the Flag Award – NDIA, Women in Defense

Fatih Ozmen
Owner & CEO

Eren Ozmen
Owner, Chairwoman & President

LEADING THE WAY

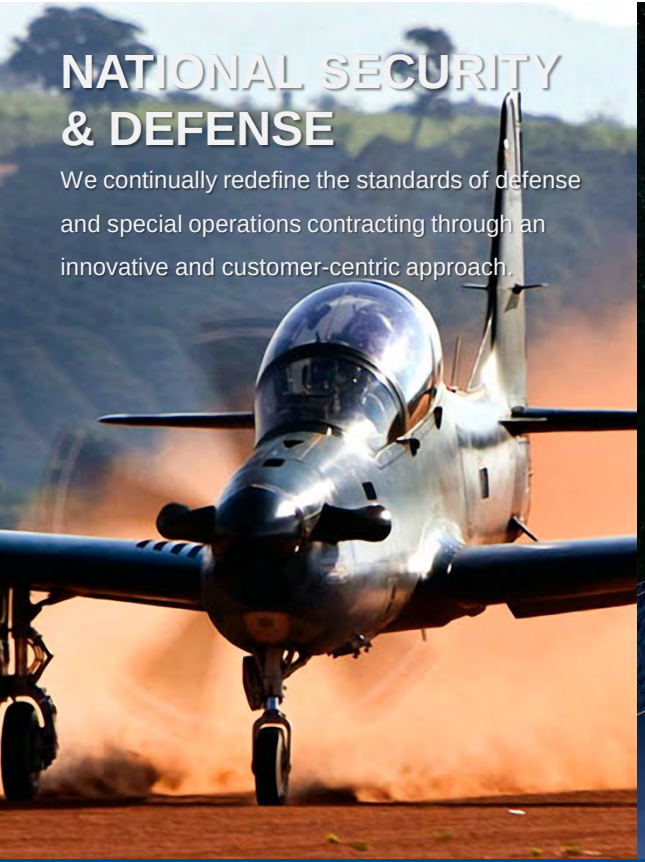
SNC's commitment to inquisitive leadership means helping to develop an enterprise-wide mindset of advancement. Our leadership believes a dynamic team environment leads to innovative advancements in technologies, business practices, and most importantly to the personal development of our employees.

Jon Burgoyne
Executive VP
ISR, Aviation, and Security (IAS)

Greg Cox
Executive VP
Electronic & Information Systems (EIS)

Tim Owings
Executive VP
Integrated Mission Systems (IMS)

What We Do



NATIONAL SECURITY & DEFENSE

We continually redefine the standards of defense and special operations contracting through an innovative and customer-centric approach.

SPACE SYSTEMS

We provide high performance, innovative space components and systems that are changing how we reach, explore and utilize space.

COMMERCIAL SOLUTIONS

We develop technology that disrupts the status quo by anticipating market needs and delivering flexible, innovative solutions.

IMS Capabilities

- Operation Designed for Today's Strategic Environment
  - Focused on Agility, Dependability and Tempo
  - System of Systems
  - Diverse Projects
  - Short Cycle Time
  - Broad Focus on System of Systems
  - ISO 9001:2008 / AS9100:2009 certified = Formal Program Processes
  - DCMA 8210.1
  - FAA Repair Station
  - CMMI 3
  - Room for Individual Program Focused Efforts
  - 5 Hangars in MD: 125,000 sq./ft.
  - 1 Hangar in Huntsville Alabama: 22,000 sq. ft. hangar space
  - Office, Engineering, CLS: 50,000+ sq./ft. in Md, North Carolina and Alabama

IMS Products

Sierra Force

▪fully modernized UH-60L with a zero-time unlimited lifecycle airframe, minimal-time components and a state-of-the-art NEXTGEN 2020 compliant Garmin G5000H digital avionics suite.
▪Customizable for a wide variety of missions including personnel transport, cargo (internal and external) or special purpose missions.

Air Launched Unmanned Aircraft System (ALUAS)

▪Designed for precision penetration of enemy defenses for a low-risk, low-cost, high-value solution for intelligence, surveillance and reconnaissance (ISR) missions.
▪Small unmanned aircraft system capability without ground footprint

Ground Control Station

- HMMWV - M1152A1 Platform Based, C-130 Transportable
- Multiple Communications Capability, SATCOM, UHF / VHF, Data / Video , MIDS Link-16

Golden Knight's Demonstration Aircraft

▪Air Operable Door (AOD) Jump Door Supplemental Type Certificate
▪SNC designed Jump Hand Hold mounted above the door providing more flexibility for jump team maneuvers

DCH 7 & 8 / Direct ISR Support to Tactical Forces

- Carries out Intelligence, Surveillance and Reconnaissance (ISR) Missions providing the warfighter with actionable intelligence
- Multi-sensor, multi-payload low altitude ISR Platform

SNC TRAX Software (Tactical Radio Application Extension)

- Routes data from one datalink to another utilizing MIL-STDs and industry standards, effectively combining them
- Eliminates any proprietary interfaces and protocols

FMS *SNC Scorpion*® Models

- The SNC SCORPION aircraft is a fully integrated Multi-Role Special Mission Aircraft based on proven technology.

Orion Mission Software

- Orion is a comprehensive situational awareness tool, providing an operator with a clear and usable picture of both ground and air mission situations

King Air 350 ER Mission Enhancement

▪Pratt & Whitney PT-67A engine: operating at 1050 continuous HP; next generation planned to include a contingency power of 1200 HP for 2 minutes
▪MT Propeller: anticipated 8% increase in take-off capability & climb, significant noise reduction in cabin & from ground, reduced maintenance

Integrated Mission Systems (IMS)

Aircraft system design, engineering, modification, integration, and sustainment

Aircraft Engineering/ Modification
- Advanced ISR Platforms
- Rotary and Unmanned Systems
- Fused and Integrated Sensor Systems
- Aircraft Survivability Equipment
- FAA Major/Minor Modifications & Avionics Upgrades under Part 145 Repair Station
- CMMI® Level 3

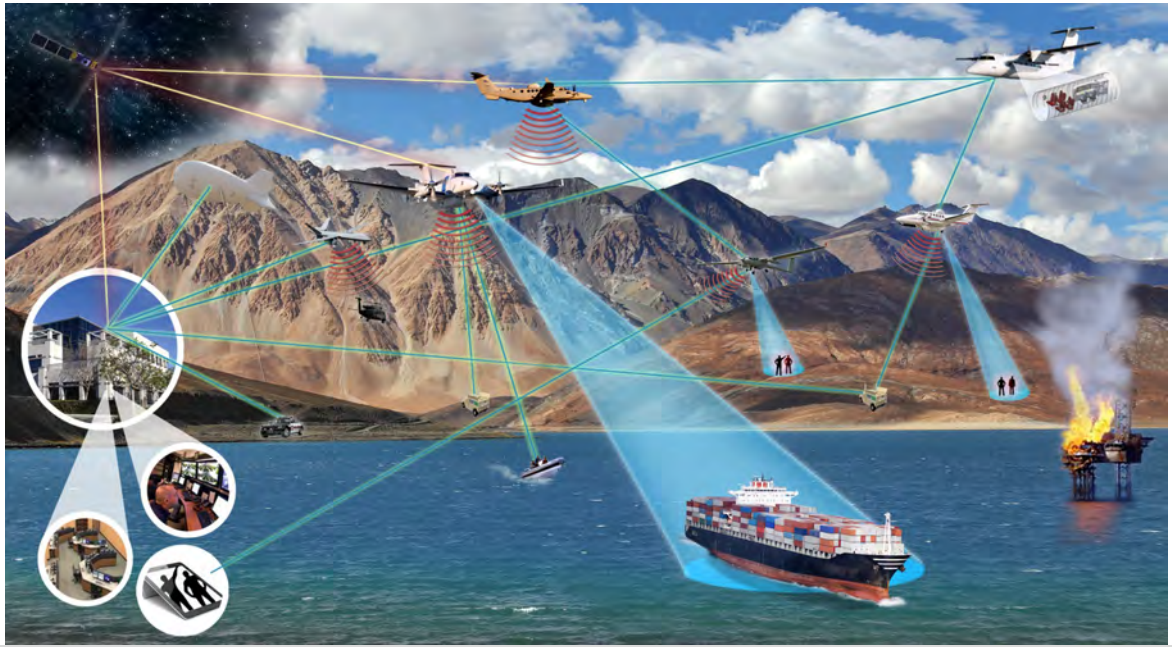
Advanced Technology Applications
- Counter UAS
- Cyber Effects
- Air Launched Effects
- Applied Artificial Intelligence Solutions
- Long Range Precision Fires Support

Mission Solutions/Innovations
- Airborne Command & Control
- Net Enabled Operations
- Robust Interoperability Solutions (SNC TRAX®)
- Remote Platform/Sensor Control

Deployed Mission Operations
- Global logistics management
- Unprecedented Availability Rates
- Over 500,000 combat flight hours supported
- 10 years of around the world support across numerous theaters of operation

SNC IMS Portfolio

SNC Solution for Air, Marine & land Borders



Air

- ISR
- Persistent ISR
- Airborne C2
- *SNC Scorpion* ISR
- ISR Light
- Vigilant Stare
- Aerostat
- Airborne PED
- Border Protection
- COMINT
- SIGINT
- IMINT
- BLoS
- LoS

Land

- PED
- Secure Handhelds
- Secure Tablets
- Jammers

Mobile Land

- Mobile PED
- MOTS (Mobile Air Traffic Control Systems)
- ALS (Automated Landing Systems)

Maritime

- *SNC Scorpion* ISR (Seaspray Radar)
- Periscope Identification
- ALS

Sensor & Radar Integration

Multi-function, fully fused

- Wide-area search and rapid detection of suspect activities

Radar / LIDAR Systems

- Years of experience in fielding multiple systems across multiple platforms: Vader, Selex, Phoenix Eye, HISAR, Lynx, ALIRT

EO/IR and Camera Systems

- More than 75 different EO/IR and other camera systems installed WESCAM, GD, Raytheon, FLIR, PeARL™

SIGINT Systems

- Industry leading SIGINT experience long-term relationships with DoD Customers

Platform Integration

- Engineering
  - "A-kit" Design for optimal systems performance
  - Platform Enhancements (ASE, Aux Fuel, Avionics, Glass Cockpits, and Major Structural Modifications)
- Modification
  - Prototype and Quick Reaction Capabilities
  - Fleet Production Capabilities
- Certification
  - Civilian Supplemental Type Certificates (STCs)
  - Military Air Worthiness Releases Combinations of STCs and AWRs

Global Reach. Global Solutions

Providing Effective Turn-Key ISR Solutions Internationally

FMS *SNC Scorpion*® Models

- The SNC SCORPION aircraft is a fully integrated Multi-Role Special Mission Aircraft based on proven technology.
- The Choice of Law Enforcement
- The Choice of US Border Protection
- Highly capable maritime, border security, law enforcement and ISR special mission aircraft
- Quick role change allows multi-tasking from same platform Currently in production and FAA certified

SNC Scorpion®– Turn-Key ISR Solution

- Quick role-change capability enables multi-mission role for a single platform
- Fully reconfigurable to meet specific mission requirements
- Modular design approach for maximum versatility and efficiency
- 10 STC's applied to the Beechcraft King Air Platform

10 STC's Applied to the Beechcraft King Air Aircraft

SNC Scorpion®– STC's

- SA03449NY – Installation of Top Radomes (OML)
- SA03282NY – Installation of Two Special use Interiors
- SA00367SE – Nose Baggage Compartment Installation
- SA10478SC – Modular Airborne Data Recording Acquisition Systems
- SA4005NM – Pulse-lite System
- SA4175NM – Raisbeck Fully Enclosed High-Flotation Gear Door System
- SA03449NY – Installation of Bottom Radomes (OML)
- SA03087NY – FLIR and Lift Mechanism
- SA02658LA – King Air Mission Enhancement
- SA03349NY – KU/KA Radome installation

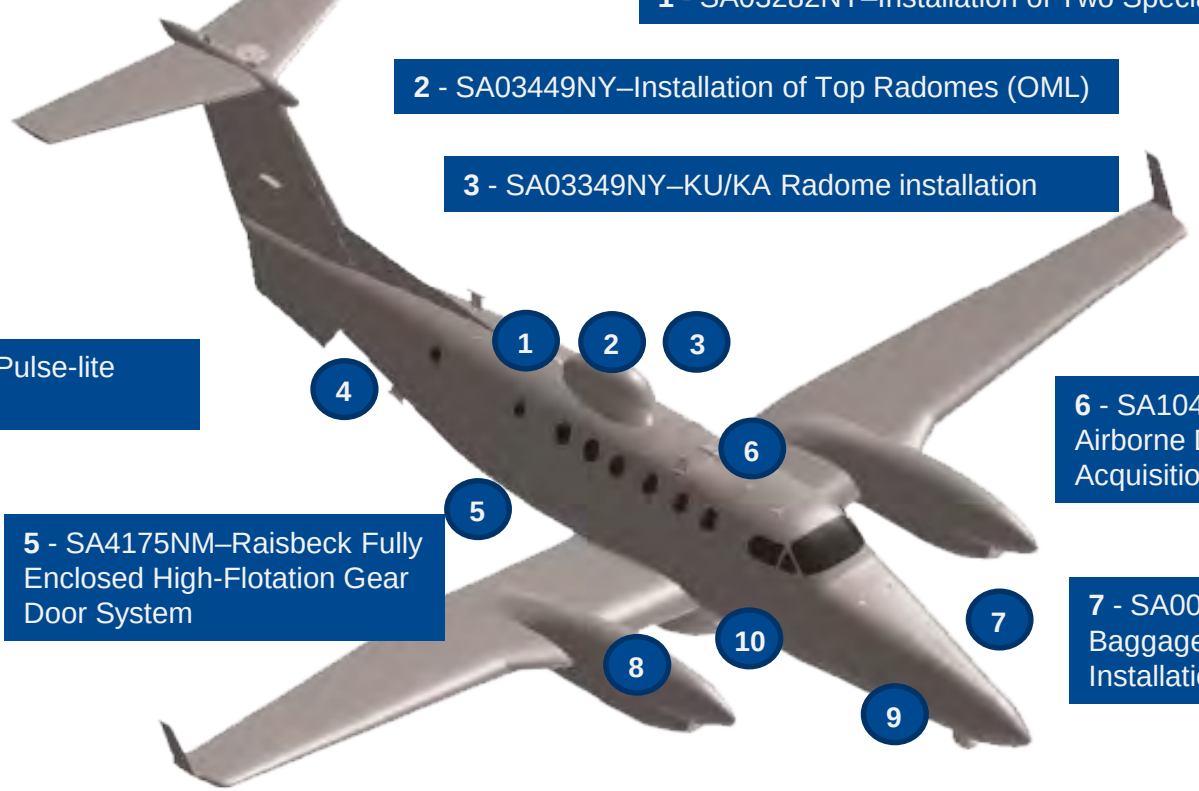
King Air 350ER Mission Enhancement

- Pratt and Whitney PT-67A engine; operating at 1050 continuous HP
- MT Propeller; anticipated 8% increase in take off capability and climb, significant noise reduction, in cabin and from ground, reduced maintenance; through greater ground clearance, reduced vibration, no ground propeller speed restrictions, unlimited blade life and FOD repairable blades, individual blade replacement on wing.
- eABS, Electronic Anti-Lock Brakes, greatly reduces required take off distances and provides increased safety margin during landing
- Light Weight Battery, reduces weight by 35 lbs, can be serviced on the wing

1 - SA03282NY–Installation of Two Special use Interiors

2 - SA03449NY–Installation of Top Radomes (OML)

3 - SA03349NY–KU/KA Radome installation



4 - SA4005NM–Pulse-lite System

5 - SA4175NM–Raisbeck Fully Enclosed High-Flotation Gear Door System

6 - SA10478SC–Modular Airborne Data Recording Acquisition Systems

7 - SA00367SE–Nose Baggage Compartment Installation

8 - SA02658LA–King Air Mission Enhancement

9 - SA03087NY–FLIR and Lift Mechanism

10 - SA03282NY–Installation of Bottom Radomes (OML)

SNC SCORPION® Production Today

- High Value Production of ISR Platforms DCMA 8210.1
  - FAA Repair Station
  - 5 Hangars: 125,000 sq./ft.
  - High Capacity Production Capability
  - ISO 9001:2008 / AS9100:2009 certified

DCH 7 & 8 / Direct ISR Support to Tactical Forces

- Combat proven and engineered for simple operation, low maintenance, and high reliability in austere environments
- Carries out Intelligence, Surveillance and Reconnaissance (ISR) Missions providing the warfighter with actionable intelligence
- Multi-sensor, multi-payload low altitude ISR Platform

SNC's FMS Caravan ISR Platform

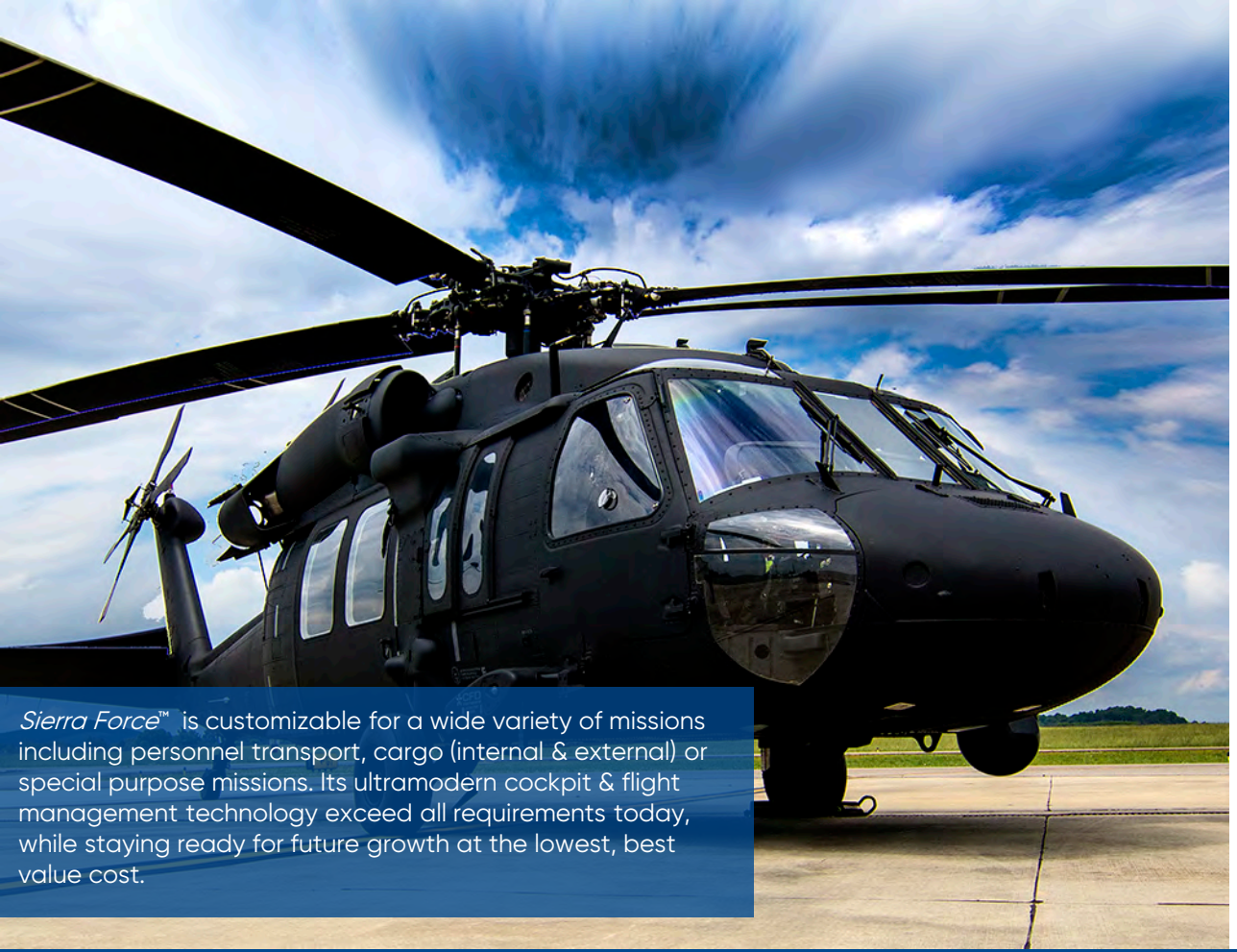
The SNC Armed Caravan Program includes a workstation for the EO/IR sensor / weapons operator, tactical UHF/VHF radios and data downlink, intercom, ballistic armor for 3 positions, cockpit situational awareness / weapons control monitor, cockpit and weapons operator control fire control, yoke fire switch, mission power, 300 AMP upgrade, APE III gear upgrade, NVG compatible lighting internal and external and hard-points at each will able to support dual rails for weaponization The current design is being upgraded to support Laser Guided Rockets (LGRs).

SNC's FMS Twin Otter ISR Platform

The SNC Twin Otter platform provides an armed and ISR configured solution (Modeled after the SNC Caravan platform) with Aircraft Survivability Equipment. The proposed Weapon / ISR System design solution will integrate with a MX-20 and the Selex 5000E Radar System which will enhance the tactical capability of the aircraft. The weaponization includes Dual Hellfire missiles and Cirit 2.75 missile launchers. The SNC Twin Otter platform has further room for growth if the requirements are mandated.

CN-235/295 ISR Integrated Aircraft

The CN235 ISR is a long endurance maritime surveillance aircraft capable to perform the most demanding intelligence, surveillance and reconnaissance missions including, Homeland Security (Anti-terrorism, anti-piracy, drug interdiction, Law enforcement (Immigration control, marine pollution control), Search and Rescue (SAR), Exclusive Economic Zone control (EEZ Control) and Support to Natural Disasters.



Sierra Force™ is customizable for a wide variety of missions including personnel transport, cargo (internal & external) or special purpose missions. Its ultramodern cockpit & flight management technology exceed all requirements today, while staying ready for future growth at the lowest, best value cost.

Modernizing Helicopter Fleets & Integrating NEXTGEN Technology

- Affordable to acquire & maintain
- Robust & proven in demanding environments world-wide
- Low workload for the pilot with an excellent Human
- Machine Interface (HMI)
- Flexiblility for interfacing with legacy & mission
- equipment
- Highly capable with state-of-the-art functionality
- Highly integrated for a low number of LRUs providing
- lower weight, reduced failures rates, & improved
- aircraft dispatch rate
- Compliant FAA NexGen Area Navigation (RNAV),
- Required Navigation Performance (RNP) standards,
- & LPV approaches
- Night Vision (NVD) compatible
- FAA-certified & in production
- Ideally suited for the special-mission environment
- Open architecture to facilitate growth

THE FUTURE OF DIGITAL INTEROPERABILITY

As the number of networked players increases, so does the complexity of the networks. Current operational experience shows that incompatible waveforms, protocols, and application usability are preventing operators from gaining the full advantages of net enabled warfare. Incompatible protocols and waveforms vary from service to service and command to command.

SNC TRAX Software (Tactical Radio Application Extension)

- Routes data from one datalink to another utilizing MIL-STDs and industry standards, effectively combining them
- Eliminates any proprietary interfaces and protocols
- Configuration and setup has minimal steps and is intuitive
- All connections can be set to auto-start after initial configuration
- Users with minimal to no datalink training can carry out complex datalink integration by clicking on an icon
- All functions and capabilities created by and for tactical users (Sensor Operators, Ground Forces, Operations Centers, etc.)
- Platform-J Link-16 radios, SADL radios
- Allows users to either join (air-air, join gateway), or establish a network
- (Gateway Master/ Time Reference)
- Routes data from one datalink to another Routing of unicast and multicast CoT data

Orion Workstation

- Orion is a comprehensive situational awareness tool, providing an operator with a clear and usable picture of both ground and air mission situations.
- Orion has flown over 400,000+ mission hours throughout CONUS, SOUTHCOM, CENTCOM, and Korea theaters.
- Orion is operator friendly and has been modified and enhanced through extensive operator input and experience.
- Client/Server architecture easily allows for additional functionality to be added to the system
- Defined interfaces to allow for easy data / target sharing with Federated Systems

Transportable Control Ground Station

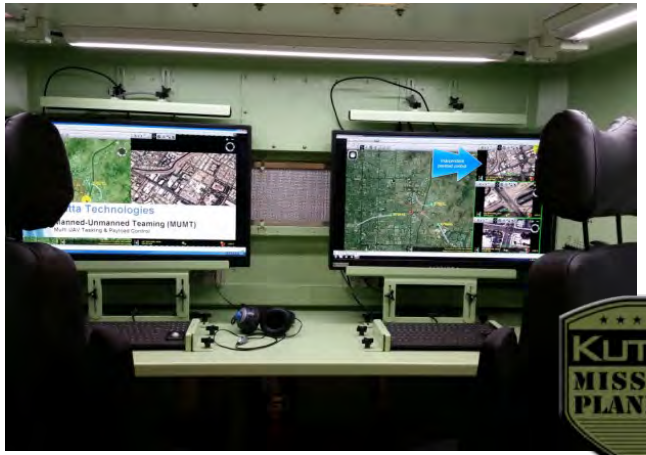
- HMMWV - M1152A1 Platform Based
- C-130 Transportable
- Harsh Environments / MIL-STD Equipment
- Multiple Communications Capability
  - SATCOM
  - UHF / VHF
  - Data / Video
  - MIDS Link-16
- Environmental Control Unit (ECU)
- Uninterruptable Power Supply (UPS)
- Bose A20 Noise Canceling Headsets
- Integrated Cobham Audio System
- Network Time Server (NTS) Sync
- Emergency Power Off (EPO)
- Dual 4K Resolution Displays
- Quick Deploy Pivot Antennas
- LED Lighting with Tactical Black Out Lights
- CO2, Smoke Detector & Over Temp Sensor
- Two-Person Operation Ready

Transportable Ground Station (Inside)

Features

- Escape Hatch
- Light/Blackout
- Secure Brackets for Monitors
- ECU Control
- MIDS Antenna Hook Up
- Sealed Keyboard Hook Up
- Sealed Keyboard & Trackball
- Adjustable Seat
- Push To Talk (PTT) Pedal & Footrest

Mission Planner ISR Software



Features

- Real-Time Video Feed from Air Vehicle
- Comms (Voice & Data) With Air Vehicle
- Efficiency & Effectiveness of Mission
- Increased Endurance & Time-On-Target
- Reduced Workload via Sensor Automation
- Simplified Airspace Planning
- Integration w/Orion for Autonomous Sensor Control

Features Continued

- Flight Card Export Feature
- Interactive Map (2D & 3D)
- No-Fly Zone and Restricted Operation Zone (ROZ) Specification
- Radio Frequency Line-Of-Site (LOS) Visualization
- Safe Airspace Volume (SAV) Creation
- EO/IR Planning

MTS & UGCS - Software

Mission Tasker System & Unified Ground Control Station

Kutta Technologies has developed this revolutionary software system to be capable of interfacing with a multitude of different Unmanned Aerial System (UAS) platforms using STANAG 4586 protocol. This innovative software can be tailored to unique vehicle specifications and delivered in a variety of hardware platforms based on customer needs.

KUTTA Technologies for Earth and air A SUBSIDIARY OF SNC SIERRA NEVADA CORPORATION

Features

- Mission & Route Planning
- Safe Airspace Volume (SAV)
- Keep In Algorithm (KIA)
- No Fly Zones (NFZ)
- EO / IR Switching
- Zoom In / Out
- Slew Payload - 360° (Map & Video)
- Supervised Usage (LOI-4) Control

Development / Certification

- RTCA DO-178C Methodologies
- STANAG 4586
- UCS-WG Compliant

Hardware Platform Options

- Rugged Handheld (UGCS-400)
- Rack-mounted GCSs
- Semi-Rugged Laptops
- Tablets

Manned / Unmanned Toolkit – MUM - 178

- Innovative cognitive decision aiding technologies designed to simplify UAS and payload control (UAS auto-routing, point and click route/area survey, dynamic re-tasking, playbook, Motion Target Indication, etc.)
- UAS pre-mission planning
- Aviator-centric user interfaces
- Multi-vehicle control options

Kutta Compact Underground Portable Radios

Drum® 1000

Kutta Radios provides next-generation medium frequency radios to mine operators as a reliable, cost-effective solution to communication and tracking needs. Kutta DRUM® radios use cables, wires, tracks, and pipes to create survivable, redundant communication paths underground that extend for miles. The DRUM® is a wireless medium frequency radio system that works whether mine power is on or off, post-incident, and even through obstructions.

KLR 200

The Kutta “LINK” radio allows First Responders to seamlessly communicate with operational and tactical command posts using their existing radio equipment in challenging environments such as subway tunnels and high-rise buildings.