



2022-2023





# KOREA AEROSPACE INDUSTRY 2022-2023





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# **KAIA Activities**

### **Aerospace Industrial Policy Promotion**

- Request and recommend the aerospace budget to the ROK government
- Propose the aerospace industry promotion action plan to the ROK government



# Survey and analyze Aerospace Facts and Figures

- Survey and analyze domestic and overseas aerospace market information
- Publishing aerospace market data for KAIA members

### **Enhancing Aerospace Technology Capabilities**

- Aerospace Technology Road map planning
- Aerospace Technology R&D Program Planning
- Research and analyze ongoing R&D in future aerospace technologies

# Cooperation with Overseas Aerospace Industries and Associations

- Interact with overseas aerospace industries and associations
  - Major associations: AIA (USA), SJAC (Japan), ADS (UK), GIFAS (France), AAIS (Singapore) and BDLI (Germany), etc.

• Support arrangements for KAIA members to participate in international events

# Organizer of Seoul ADEX(Seoul Int'l Aerospace & Defense Exhibition)

- Hosting the Seoul ADEX (biennial) to promote aerospace and defense industries and offer the best business opportunities in the Asia-Pacific region
- The Seoul ADEX is the single largest exhibition covering aerospace & defense field in Korea



### **Overseas Promotion**

 In order to promote the Korean aerospace industries and its membership companies, KAIA has taken part in overseas airshows such as the Paris Airshow, the Farnborough Airshow, the Singapore Airshow

# Official agency for Offset & Industrial Cooperation designated by MOTIE (Ministry of Trade, Industry and Energy)

 Foster national strategic industries and create jobs for the exports of aerospace items purchasing foreign weapon systems

- Expand the global supply chain participation of aerospace companies, and provide joint marketing support
- Boost national credibility and drive hightech industrialization by leading industry convergence, including the aerospace, robotics, and electronics industries

### **Liaise with Related Organizations**

- Liaise and coordinate with relevant government authorities
- Contact and cooperate with universities, research institutes and other organizations

### **KAIA Gyeongnam Branch**

- Aerospace Industry Specialized Complex support project
  - Operation for surface treatment facility of aircraft parts
  - Operation for logistics center of aircraft (raw) materials
- Supporting Project in 'Test and evaluation system for aerospace composite materials parts'

### KAQG (Korea Aerospace Quality Group) Secretariat

- Strengthening global competitiveness for productivity and quality in domestic aerospace industry
- Managing certification scheme such as KS Q 9100 (=AS9100=EN9100=JIS Q 9100) and KSPC (Korea Special Process Certification)
- Standardization of international & domestic standards
- Development of indigenous certification and training programs in quality
- Fostering digital transformation and developing digital quality platform
- Cooperating with international quality communities (IAQG Member)



### **Public Relations and Publication**

- Media interviews and contribute editorials for the aerospace sector
- Publishing the 'Korea Aerospace Industry' and 'Statistical Yearbook'
- Release 'News Letter' and 'KAIA Weekly' for the latest issues

# Education for high skilled personnel in aerospace industries

- Operate training programs for incumbent employees
- Provide training programs for QMS
- Identify education needs and develop programs
- \* For more information, visit the KAIA website (www.aerospace.or.kr)

# **Analysis of Statistics**

The total production amount in 2021 reached 5.0 billion USD, a 2.7% increase compared to the previous year. When broken down by program, as shown in <Table1> and <Figure 1>, production of commercial aircraft parts including Boeing and Airbus parts accounted for 17.2%, KUH programs 17.1%, KF-21 program 16.1%, and MRO 15.3%. Other than that, space program made up 8.5%, and T-50 programs 4.0%, while others including UAV, KT-1 and F-15 programs accounted for less than 1%.

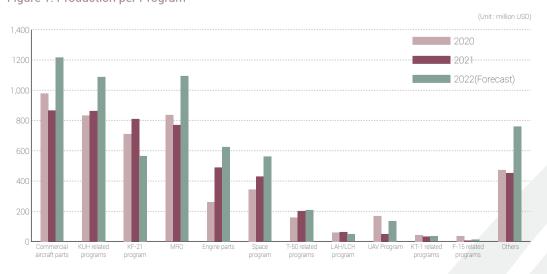
Despite the COVID-19 pandemic, the aerospace industry achieved a slight increase in production amount. In 2020, the production of engine parts plunged 35.8% YOY due to reduced orders from overseas OEM engine manufacturers. In 2021, this recovered 87.7% to 490 million USD, contributing to the increase in the overall production amount of the industry.

• Table 1. Production per Program

(Unit: million USD)

|                           |       |       |        | t : million USD) |
|---------------------------|-------|-------|--------|------------------|
| Classification            | 2020  | 20    | 21     | 2022             |
| Glassification            |       |       | Share  | (Forecast)       |
| Commercial aircraft parts | 979   | 866   | 17.2%  | 1,216            |
| KUH related programs      | 832   | 863   | 17.1%  | 1,088            |
| KF-21 program             | 711   | 809   | 16.1%  | 566              |
| MRO                       | 836   | 771   | 15.3%  | 1,093            |
| Engine parts              | 260   | 488   | 9.7%   | 626              |
| Space program             | 345   | 430   | 8.5%   | 561              |
| T-50 related programs     | 158   | 202   | 4.0%   | 209              |
| LAH/LCH program           | 60    | 63    | 1.3%   | 49               |
| UAV Program               | 169   | 49    | 1.0%   | 136              |
| KT-1 related programs     | 43    | 33    | 0.7%   | 35               |
| F-15 related programs     | 37    | 7     | 0.4%   | 12               |
| Others                    | 473   | 454   | 9.0%   | 760              |
| Total                     | 4,903 | 5,035 | 100.0% | 6,351            |

### • Figure 1. Production per Program



Furthermore, the production amount of engine parts is expected to grow for two consecutive years to reach 630 million USD, up 28.3% from the previous year. Other than that, military aircraft platforms including the KF-21, T-50 and KUH, were all able to achieve similar levels of growth in production amount, contributing to the overall increase

The production amount of commercial aircraft parts, which hit 1.71 billion USD before the pandemic in 2019, was significantly decreased to 870 million USD in 2021 due to the COVID-19 crisis. As the full-scale recovery of air transport demand is expected in 2022, commercial aircraft parts production is forecasted to grow 40.4% YOY to 1.22 billion USD.

The production amount of the T-50 programs recorded 200 million USD, a 27.8% YOY increase, driven by the second mass production run of the TA-50 program and strong exports to Indonesia and other countries. Meanwhile, following the fourth mass production deal made in late 2020, the production amount of KUH programs increased by 3.7% to 860 million USD during the year. The KF-21 program production amount reached 810 million USD, up 13.8% from a year earlier when the prototype was rolled out.

The production amount of space programs recorded 430 million USD, a 24.6% increase from 2020, supported by a large increase in Maritime satellite communications antenna

production. The military reconnaissance satellite (425 project), the Korean Launch Vehicle (Nuri), and the multipurpose satellite programs contributed to the production amount as well. Space programs are expected to continue the trend in 2022, growing 30.5% to reach 560 million USD.



The production amount of UAV programs plunged 71.0% compared to 2020, and this sharp decrease can be attributed to the decline in production amount of the Korean Mid-altitude Unmanned Aerial Vehicle (MUAV) program. However, the production amount of the MUAV program is expected to recover in 2022, bringing the production amount of the all UAV programs to 140 million USD, a 177.6% increase from the previous year.



A breakdown by item, shown in <Table 2> and <Figure 2>, indicates that the completed aircraft sector holds the most weight with 1.69 billion USD (33%), followed by the airframe sector at 1.43 billion USD (28%), engines at 940 million USD (19%), and electronics at 430 million USD (8%). Major completed aircraft programs include the KF-21 system development, the fourth mass production run of the KUH, production of the MUH, which is a KUH program, and T-50 exports to Indonesia. The engine sector increased by 68.6% compared to 2020, mainly because of the surge in engine parts exports and engine maintenance demand.

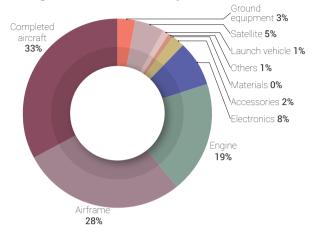
### • Table 2. Production per Item

(Unit : million LISD)

|       |                    |       |       | (011  | (.THIIIIOH USD)    |
|-------|--------------------|-------|-------|-------|--------------------|
| Cl    | assification       | 2019  | 2020  | 2021  | 2022<br>(Forecast) |
|       | Completed aircraft | 1,738 | 1,825 | 1,688 | 1,797              |
|       | Airframe           | 2,111 | 1,770 | 1,425 | 2,062              |
|       | Engine             | 1,357 | 555   | 936   | 1,167              |
| Aero  | Electronics        | 214   | 267   | 429   | 449                |
|       | Accessories        | 223   | 90    | 87    | 123                |
|       | Materials          | 3     | 4     | 2     | 2                  |
|       | Others             | 81    | 47    | 40    | 190                |
|       | Subtotal           | 5,727 | 4,558 | 4,607 | 5,790              |
|       | Launch vehicle     | 41    | 61    | 42    | 26                 |
| Space | Satellite          | 238   | 266   | 251   | 312                |
|       | Ground equipment   | 22    | 18    | 135   | 223                |
|       | Subtotal           |       | 345   | 428   | 561                |
|       | Total              | 6,028 | 4,903 | 5,035 | 6,351              |

Last year, as shown in <Figure 3>, exports to the US, accounted for 54%, and exports to Europe including France, Germany, and the UK accounted for 25% of total exports. This means that 79% of total exports were delivered to the US and Europe. Exports to Iraq (4%), Indonesia (3%) and Thailand (3%) are T-50 related exports and follow-up support programs. However, unless Indonesia and Thailand order additional T-50s the export volume will gradually decrease.

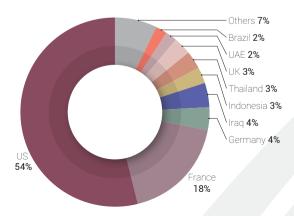
• Figure 2. Production ratio by Item



Exports to Indonesia and Thailand are expected to decrease by 63.3% in 2022 compared to the previous year.

Exports to the US, which sharply dropped due to the COVID-19 pandemic and the grounding of B737 MAX 8 aircrafts in 2020, recorded 920 million USD in 2021, a 16.4% YOY increase. The turnaround is due to the increase in demand for engine and commercial aircraft parts, as well as maintenance for US military aircraft. In 2022, the export volume is expected to increase by 41.7% to 1.31 billion USD, a significant growth from the previous year.

Figure 3. Export ratio by Country



Exports to the UAE, which accounted for 2% of total exports, were primarily made by SATREC INITIATIVE and ASIA PACIFIC SATELLITE INC, both leading satellite companies based in Korea. Exports to Brazil makes up 2% of the total exports, mostly E-Jet E2 parts for Embraer.

In 2021, the number of workers in the aerospace industry was 17,068 despite the industrial downturn caused by the pandemic, barely above the 17,000 mark. It exceeded 17,000 for the first time in 2019, but has declined for two years in a row due to the COVID-19 pandemic. However, a turnaround is expected in 2022, provided that military aircraft platforms, such as the KF-21, maintain course, and the era of 'New Space' expedites growth within the space industry.

### • Table 3. Employment Status

(Unit : person)

| Clas. | Field      | 2019   | 2020   | 2021   | 2022<br>(Forecast) |
|-------|------------|--------|--------|--------|--------------------|
|       | Admin.     | 2,786  | 2,995  | 3,647  | 3,708              |
| Aero  | R&D        | 3,613  | 3,678  | 3,828  | 3,989              |
| AEIU  | Engineer   | 2,249  | 2,107  | 2,356  | 2,467              |
|       | Production | 7,967  | 7,418  | 6,097  | 6,339              |
|       | Subtotal   | 16,615 | 16,198 | 15,928 | 16,503             |
|       | Admin.     | 161    | 194    | 180    | 190                |
| Casas | R&D        | 639    | 654    | 699    | 763                |
| Space | Engineer   | 44     | 71     | 68     | 78                 |
|       | Production | 115    | 166    | 193    | 198                |
|       | Subtotal   | 959    | 1,085  | 1,140  | 1,229              |
|       | Total      | 17,574 | 17,283 | 17,068 | 17,732             |

<sup>\*</sup>Operational maintenance personnel and researchers from government-affiliated research institutes are not included.

The aircraft manufacturing industry experienced difficulties in maintaining employment and was designated as a special employment support sector since April 2021 due to a sharp decline in sales, but it is now overcoming tough times through efforts such as reducing overtime,



utilizing paid/unpaid leave to retain highly skilled professionals, government support and training activities.

As new supply contracts are being made with global companies in the space sector, the number of space sector workers is constantly growing, while the depression of the aircraft sector continues. The overall employment level of the aerospace industry is upheld by the employment growth of the space sector.

In 2022, the number of employees in the aerospace industry is expected to increase by 3.9% YOY to 17,732. Two of the major factors behind this are recovery of employment for production workers in the commercial aircraft parts sector and an increase in employment in the space industry, which is gradually expanding its base. In addition, the fact that the designation period for appointing special employment support sectors has been extended to the end of 2022 would greatly help small and medium-sized private companies that are struggling to maintain employment.

# Aircraft · Space Programs

# **Aircraft Programs**

# **Fixed wing**

### T-50 ('Golden Eagle' Advanced Trainer)

The T-50 Advanced Trainer is Korea's first domestically developed supersonic aircraft.

The ROKAF currently operates the T-50 and the T-50 derivative series such as the FA-50 Light Combat Aircraft, the TA-50 Lead-In Fighter Trainer and the T-50B acrobatic demonstrator.

The T-50 proved its superior performances and transcendent training efficiency through field operation and expanding its footprint in the global market since 2011 to Indonesia, Iraq and the Philippines, Thailand. Korea has exported 72 T-50s (T-50/FA-50) in total.

The aircraft features a Human-Man Interface (HMI) designed digital glass cockpit, a fully integrated avionics system with digital technologies, a digital flight control system, as well as max speed over Mach 1.5.

### T-50

**SPECIFICATIONS** 

- **Max. Speed** M 1.5
- MTOW 23,638 lbs
- Power Plant 17,700 lbs
- Passengers 2



### FA-50 ('Fighting Eagle' Light Fighter)

Based on the T-50's superior performance and an armament storing capability, the FA-50 aircraft is further developed and upgraded with Tactical Data Link, Precision Guided Munitions, and Self Protection subsystem. Featuring a fighter jet-class flight performance, the FA-50 aircraft has been deployed and operated in the ROKAF since 2013



The fighter features a digital glass cockpit for day/night, all-weather combat mission, integrated combat systems for multi-role combat mission, a digital flight control system, and precision guided weapons.

### FA-50

**SPECIFICATIONS** 

- Max. Speed M 1.5
- · MTOW 26,929 lbs
- Power Plant 17,700 lbs
- · Special Equipment

20mm Three-Barreled Gun, AlM-9 Sidewinder Airto-Air missile, JDAM Precision Guided Munitions

Passengers 2



**▲** KT-1

### KT-1 ('Woongbi' Basic Trainer)

The KT-1 Basic Trainer and the KA-1 Armed Airborne Controller developed with indigenous technology are being operated in ROKAF and proving the safety performance and reliability.

The KT-1 opened the age of aircraft exports starting from Indonesia and expanding its footprint to Turkey, Peru and Senegal with its high spin recovering capability, fuel efficiency and economic operation ability in the same class aircraft. Korea has exported 84 KT-1s in total.

The aircraft features an improved cockpit for flight training of student pilots, Cutting-edge avionics systems for an excellent training effect, Systems for safety flight, and an efficient Train-Enabling Engine.

### KT-1

SPECIFICATIONS

- Max. Speed 350 kts
- MTOW 6,120 lbs
- · Power Plant 950 shp
- Passengers 2

### KC-100 ('Naraon' General Aviation Aircraft)

The KC-100 is a small aircraft that seats 4 passengers, and is the first domestically developed multipurpose commercial aircraft to acquire FAA and MOLIT certification.

Built with new composite materials and

integrated avionics, the KC-100 can be operated for a multitude of purposes, including air transportation, leisure, surveillance for forest fire, patrol, and student pilot education.

Also, the KC-100 was upgraded into a primary trainer aircraft, KT-100, for ROKAF academy cadets.

The aircraft features a digital cockpit for international certification, avionics systems for ICAO standards and recommended practices, an electric flight control system for handling quality, and a digital electronic engine control for safety flight.

### KC-100

SPECIFICATIONS

- Max. Speed 200 kts
- · MTOW 3,600 lbs
- Power Plant 315 shp
- · Passengers 4



**A** KC-100

### KF-21 ('Boramae' Korea Fighter)

The KF-21 is a fighter aircraft developed to retain the operational capability of the ROKAF and satisfy the future operation concept of the force battlefield as a multi-role fighter jet, which features enhanced survivability, combined/joint operations, sustainment and logistics support system, air superiority and ground precision strike

The KF-21 is the project which aims to replace the aged fighters in operation, F-4, and F-5 of the ROKAF and develop the indigenous Korean fighter aircraft which is equipped with performances suitable for the future battlefield of the country's air force. Korea's largest-scaled KF-21 project is the national R&D project with a development span of 10 years and 6 months and is driven with Indonesia under international joint development. The project will be completed by 2026.

The fighter features advanced avionics & AESA radar, 10 weapon hard points, enhanced survivability, high operational efficiency, advanced precision weapons, high maneuverability, advanced support features.

### KF-21

SPECIFICATION!

Max. Thrust 44,000 lb
Ferry Range 1,550 nm
Max. Speed 1,400 mph

· Max. Payload 17,000 lb

• MTOW 56,400 lb



▲ KF-21

# **Rotary wing**

### **KUH** ('Surion' Korean Utility Helicopter)

The Surion, complete with a cuttingedge avionics system, features excellent maneuverability and a world-class hovering capability.

The helicopters have been deployed in the Republic of Korea Army (ROKA) for operation since the end of 2012 and carry out missions, including troop transport, airfreight, contributing to strengthening military power. The military variants such as Amphibious for Marine Corps and MEDEVAC are also deployed and operated. Also, para-public uses for National Police Agency, Coast Guard, Firefighting and forest service and so on.

The aircraft features 1,800+ HP turboshaft engines, improved flight safety, a state-of-the-art digital cockpit, and flight performance for all-weather.

### KUH

SDECIFICATIONS

Max. Speed 146 ktsMTOW 19,200 lbs

Power Plant 1,855 shp x 2
Special Equipment 7.62mm Machine Gun Pod
Passengers 13(Include 2 pilots)



**★** KUH

### **LAH (Light Armed Helicopter)**

The purpose of the LAH (Light Armed Helicopter) project is the one that aims to develop a cutting-edge armed helicopter suitable for the modern battlefield.

The project runs in parallel to the LCH (Light Civil Helicopter) project. Both projects are part of the joint effort of MOTIE and DAPA for the integrated development of 10,000 pound-class military and civil helicopters.

The LAH is based on the proven Airbus Helicopters H155B1 platform. The first flight of LAH was successfully conducted in 2019. The project will be completed by the end of 2022.

The helicopter features a Human-Machine Interface (HMI) designed avionics system, improved the safety and convenience of flight, and maximization of mission capabilities with the state-of-the-art weapons control system.

### LAH

SPECIFICATIONS

- Max. Speed 131 kts
- MTOW 10,846 lbs
- Power Plant 1,032 shp x 2
- Special Equipment
- 20mm Turret Gun, ASM, Non-Guided Rockets
- Passengers 2

### **LCH (Light Civil Helicopter)**

The LCH (Light Civil Helicopter) project aims to develop a world class light helicopter for the civil aviation sector.

The LCH is developed based on the H155B1 platform of Airbus Helicopters to be utilized for a civil helicopter, such as the police, firefighting, VIP, passenger transport and medical evacuation.

The LCH conducted its first flight successfully in 2019. The project was completed in 2022.

The helicopter features an upgraded avionics system, efficient internal cabin space, improved the safety and convenience of flight.

### LCH

SPECIFICATIONS

- Max. Speed 143 kts
- MTOW 10,846 lbs
- Power Plant 943 shp x 2
- Passengers 15





LAH

A LCH

# **UAV** (Unmanned Aerial Vehicle)

Similar to other countries around the world, UAV development in Korea started off with military projects. Military projects such as the RQ-101 (Corps level UAV), the KUS-9 (Division level UAV), The RemoEye (Battalion level UAV) took place during the 1990s. This led to the independent development capability acquisition of the lowaltitude reconnaissance drone system. As the military expanded the utilization of UAVs, technological capabilities accumulated. Such technological advances eventually transferred to the civil sector, leading to the development and

release of various drones for commercial and hobby purposes.

KAI succeeded in deploying its reconnaissance UAV (RQ-101), in ROKA for the first time in Korea in 2001 and is recognized for its performance and trustworthiness in the military. Based on it,



↑ RQ-101



**▲ UAV-II** 

KAI continues to conduct advanced research on VTOL (Vertical Take-Off and Landing) UAV, Strike-typed UAV and UCAV (Unmanned Combat Aerial Vehicle), leading the way in developing the technology for autonomous systems.

Korean Air offers a full line-up of various UAV and Hybrid Drone including the KUS-FS (Highperformance strategic UAV), the KUS-FC (Next



generation stealth UAV), the KUS-FT (Fixed wing tactical UAV), the KUS-HD (Hybrid drone), the KUS-VT (Tilt-



**KUS-VT** 

rotor UAV), and the KUS-VH (Multi-purpose unmanned rotorcraft).

LIG Nex1 is developing the KCD-200 transport drone to acquire future technology in the unmanned systems, drones, robotics, artificial intelligence, and cyber warfare fields. The small-sized drone for surveillance, and multi-purpose unmanned helicopter are in the works as well.





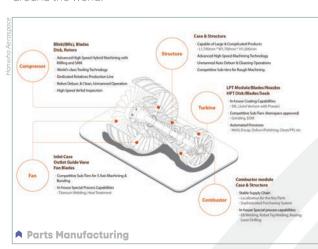
A KCD-200 A MPUH

# **Engine**

Aircraft engines require an integration of highly advanced technologies. Korea's aircraft engine business started by providing gas turbine engine depot maintenance business. In 1980, the production of F-5 engines began under a technical partnership with GE. In 1986, a domestic manufacturer succeeded in producing the blades for the F100 engine, while conducting license production of KF-16 engines.

Hanwha Aerospace is Korea's only engine manufacturer, and domestically produces engines for the F-15K fighter, the T-50 advanced trainer, and the Surion helicopter. Also, the company leads the KF-21 (Boramae) engine integration, installation and localization development, and is continuing its efforts to localize engine parts through the partnership with GE. Armed with accumulated technology

and experience in the aircraft engine sector, Hanwha Aerospace has RSP agreements in place with leading aircraft engine manufacturers around the world.



# Airframe structures

A group of leading Korean companies proved their technical competence by participating in numerous aircraft development and production projects throughout the years. Now these companies are contributing to the joint development of next generation commercial aircraft through global partnerships.

Korean companies are key partners of aircraft manufacturers, such as Boeing and Airbus, and participate in the design and production of major airframe structures including airframe and wing for commercial aircraft.









# **MRO** (Maintenance, Repair and Overhaul)

The Korean government announced intentions to expand the domestic MRO market to 5 trillion KRW by 2030. To support this, the government is taking a lead in achieving price competitiveness, enhancing technical capabilities, and laying a foundation for growth to foster the MRO industry and acquire a competitive edge. Following the lead, several companies are expanding their MRO businesses.

To foray into the commercial aircraft MRO market based on its profound experience for military MRO, KAI established KAEMS, a subsidiary on July 2018 and was designated by the MOLIT as a specialized MRO company

after acquiring certificates, such as AMO (Approved Maintenance Organization) and SMS (Safety Management System). Also, KAI conducts maintenance and sustainment support for lifecycle management in addition to development, production, and test and evaluation of the aircraft. KEAMS has carried out heavy maintenance for 100 commercial aircraft within 3 years and 9 months of incorporation. Korean Air has advanced technological capabilities in carrying out maintenance and performance upgrades for domestic and US military aircraft. While Sharp Technics K provide C-Checks for low-cost carriers, a first for a

domestic MRO company. Sharp Technics K also provides maintenance services to overseas customers as well.





Sharp Technics K

# **UAM** (Urban Air Mobility)

Urban Air Mobility is a 3 dimensional transport system that connects ground and air transport. Many Korean companies are focused on developing technologies to build UAM systems that can people and cargo within the urban airspace. Companies such as Hanwha Systems, Hyundai Motor Company, SK Telecom, KAI, Korean Air, LIG Nex1, Lotte, and Kencoa Aerospace have officially announced plans to enter the UAM project.



A Hanwha Systems-Overair Butterfly



Hvundai Motor Company S-A1

# **Space Programs**

# **Satellites**

Following the launch of KITSAT-1 in 1991, the KOMPSAT project was initiated in 1994. As the public demand for satellite images grew, the KOMPSAT-1 and KOMPSAT-2 multipurpose satellites were developed and launched in 1999 and 2006 respectively. KOMPSAT-3, KOMPSAT-5, and KOMPSAT-3A were each developed in 2012, 2013, and 2015. KOMPSAT-6, a high-precision radar satellite, and KOMPSAT-7, KOMPSAT-7A advanced Earth observation satellites are in development as well.

Chollian-1, Korea's first stationary ocean and meteorological satellite, and the more

advanced Chollian-2A, and Chollian-2B were also developed and launched. The Chollian-2B is the world's first satellite capable of observing the atmospheric environment from a stationary orbit. Small, scientific satellites were also developed. The STSAT-1 was developed in 2003, and the STSAT-2C, STSAT-3 satellites were developed in 2013. The Next-Generation Mid-Size Satellite 1 was successfully launched in March 2021. The purpose of this project is to transfer satellite technology to the civil aviation industry, and the mass-production is being carried out by KAI.



**KOMPSAT (Arirang)-3A** 



Next-Generation Mid-Size Satellite 1

# Launch vehicles



Over the years, KARI has acquired crucial design and manufacturing capabilities for building rockets by launching the KSR-I solidpropellant science rocket in 1993, KSR-II 2-stage solid-propellant medium-sized science rocket in 1998, and the KSR-III, Korea's first liquid-propellant science rocket in 2002. In a joint effort with Russia, the space launch vehicle Naro was developed and successfully launched in 2013. The first stage of this rocket used liquid propellant, while the second stage used solid propellant. With the technology and experience gained, KARI developed a 3-stage rocket, capable of deploying a 1.5 ton satellite on a Sun synchronous orbit between an altitude of 600 km and 800 km. This rocket, named Nuri, was successfully launched in June 2022.



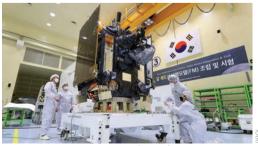
A HANBIT-TLV

# **Moon exploration**

With all the space technology acquired over time, Korea has several space exploration projects planned, including a lunar exploration mission. A test lunar orbiter will be launched in 2022, and a surface landing is planned to take place by 2030. Also, an asteroid exploration vehicle for taking back samples to Earth is in the works as well.

KARI has planned the launch of the KPLO (Korea Pathfinder Lunar Orbiter) lunar exploration vehicle in August 2022. The orbiter is

the result of a multinational effort for acquiring and validating space exploration technology.



'Danuri' Lunar orbiter (KPLO)

# Seoul ADEX 2023

(Seoul International Aerospace & Defense Exhibition)

### **General Information**

• Abbreviation : Seoul ADEX 2023

• Exhibition Period: 17~22 October, 2023 (6days)

Business Day: 17~20 October, 2023 (4days)Public Day: 21~22 October, 2023 (2days)

• Venue: Seoul Airport (Located at Seongnam-si, Gyeonggi-do, Republic of Korea)

### Organized by Seoul ADEX Office

- Korea Aerospace Industries Association (KAIA)
- Korea Defense Industry Association (KDIA)
- Korea Trade-Investment Promotion Agency (KOTRA)

#### Contents

- Official Events
  - · Opening Ceremony
  - · Press Day
- Symposium / Seminar / Conference
- The ideal platform for gathering aerospace and industry professionals to share insights, exchange knowledge and discuss future development
- Student Day
  - · For not only students but also future employees
- VIP Delegation Programme

### • Figures in 2021

- 440 exhibitors from 28 countries
- 120,502 visitors Including 89,717 Trade Visitors
- 222 delegates from 40 countries
- Over 1,500 B2B & G2B Meetings
- 77 Types 85 Units of Outdoor Exhibits
- 22 Symposium / Seminar / Conference / Forum(s)
- 2,178 Media exposures









### **Exhibition Categories**

### Aerospace ···········

- Air defense systems
- Air traffic control
- Airborne equipment and systems
- Aircraft parts & accessory
- Airline services
- Airport equipment and services
- AIS (Aeronautical Information Service)
- Aviation fuels
- Aviation safety & survival equipment
- Avionics and electronics
- Cabin interior
- Cargo equipment and services
- Charter & leasing
- Commercial/Military aircraft
- Communication systems
- Composite materials and surface treatment
- Drones
- Engine

- Flight control systems
- Hangar
- Helicopter
- ISR (Intelligence, Surveillance and Reconnaissance)
- MRO (Maintenance, Repair and Overhaul)
- NAVAID (Navigation aids)
- NVIS (Night Vision Imaging System)
- Orbital flight
- Propulsion system
- Radar systems
- Satellites and satellite telecommunications
- Space systems
- Sub-orbital spaceflight
- Training simulators
- UAM (Urban Air Mobility)
- Unmanned Systems UAS, UVS
- Weapon systems

### Defense

- Amphibious equipment
- Anti-drone systems
- Anti-tank weapons
- Armoured fighting vehicle
- Artillery systems & ammunition
- AVLB (Armoured Vehicle Launched Bridge)
- C4I (Command, Control, Communications, Computers, Intelligence) System
- Communication link
- Cyber security systems
- EOD (Explosive Ordnance Disposal) equipment
- GCS (Ground Control System)
- GPS and remote sensing
- Grenade launcher
- Industrial & logistic support

- Jamming
- Land defense equipment
- LARS (Launch And Recovery Systems)
- Naval equipment
- NBC (Nuclear, Biological, Chemical) Reconnaissance equipment
- Night vision devices
- Radar equipment
- Radar surveillance system
- Robotics & AI (Artificial Intelligence)
- Simulators
- Software systems and applications
- Test equipment and services
- Training system
- War materials

### **Contact Information**

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- E-mail: promotion@seouladex.com
- URL: www.seouladex.com

# KAIA Members

### \* No. 1 ~ 13: BOARD OF DIRECTORS

| No. | COMPANY NAME  | MAIN BUSINESS  | WEBSITE                   | PAGE |
|-----|---|--|---------------------------|------|
| 1   | KOREA AEROSPACE INDUSTRIES,<br>LTD.                       | Aerospace&Defense, Airframe&Component, Space   | www.koreaaero.com         |      |
| 2   | HANWHA AEROSPACE CO., LTD.                                | Aircraft Engine, Aircraft Engine Parts, Aero Mechanical<br>System, Space Launch Propulsion System                      | www.hanwhaaerospace.co.kr | 0.0  |
| 3   | KOREA LOST-WAX CO., LTD.                                  | Investment Casting for Aerospace<br>Engines&Fuselages  | www.lostwax.co.kr         | - 26 |
| 4   | KOREAN AIR AEROSPACE<br>DIVISION                          | UAV, Aerostructure, Military Aircraft MRO  | techcenter.koreanair.com  | -    |
| 5   | LIG NEX1 CO., LTD.  | PGM, ISR, C4I, Aerospace, EW, Unmanned Robot, MRO  | www.lignex1.com           |      |
| 6   | AEROSPACE TECHNOLOGY OF KOREA INC.                        | Aircraft Fuselage Assembly&Design,<br>Fab&Machining Components (Stringer/Skin)   | www.astk.co.kr            | 07   |
| 7   | ANH STRUCTURE CO., LTD.                                   | Structure Design&Analysis of Aircraft, Engineering<br>Research and Development, Aircraft Interior Parts,<br>Space      | www.anhstructure.com      | 27   |
| 8   | CITEK SYSTEM  | R&D Solution supply and service  | www.citek.co.kr           |      |
| 9   | DnMA<br>(Distribution and Manufacturing for<br>Aerospace) | Raw Material Storage&Management, Machining, Assembly, Tooling &Support Equipment, Raw Material&Honeycomb Cores Cutting | www.dnmaero.com           |      |
| 10  | HANWHA SYSTEMS CO., LTD.                                  | Avionics, Space, Urban Air Mobility (UAM)  | www.hanwhasystems.com     | - 28 |
| 11  | HIZE AERO CO., LTD.                                       | Composite Fabrication, Machining, Sheet Metal,<br>Surface Treatment, Assembly  | www.hizeaero.com          | - 20 |
| 12  | HYUNDAI WIA CO., LTD.                                     | Automobile Parts, Machine Tools,<br>Industrial Machine, Defense  | www.hyundai-wia.com       |      |
| 13  | HYUNE AERO-SPECIALTY INC.                                 | Airframe Assembly, Part Manufacturing  | www.hyune.co.kr           |      |
| 14  | ACE ANTENNA CORP.   | Antenna, Communications Device   | www.aceantenna.co.kr      | 00   |
| 15  | AERO MASTER CORPORATION                                   | Avionics, Ground Station, Wire Harness   | www.amc21.co.kr           | - 29 |
| 16  | AIRBUS KOREA LTD.   | Commercial Aircraft, Helicopters, Defence and Space  | www.airbus.com            |      |
| 17  | ALMAC CO., LTD.   | Aluminum Extrusion&Parts   | www.almac.co.kr           | 30   |

| No. | COMPANY NAME                                      | MAIN BUSINESS   | WEBSITE                 | PAGE |
|-----|---|---|-------------------------|------|
| 18  | APPIA ENGINEERING, LTD.                           | Aircraft Structure⋐ System Design,<br>Flight Control OFP Software Development, Avionics   | www.appiaeng.com        |      |
| 19  | AS&D SOLUTIONS INC.                               | Consulting, Training and Technical support for IAQG<br>9100 Series, NADCAP/KSPC Certifications and<br>Delegated Inspection for external providers | www.asnd.kr             | 30   |
| 20  | ASIA PACIFIC SATELLITE INC.                       | Satellite Communication Sector,<br>Satellite Manufacture Sector   | www.apsi.co.kr          |      |
| 21  | AVIOSYS TECHNOLOGIES CO., LTD.                    | Avionics, Military Electronics Equipment,<br>ATE (Auto Test Equipment)  | www.aviosystech.com     |      |
| 22  | BST<br>(Best Semiconductor&Technology)            | Semiconductor Equipment Parts   | -                       | - 31 |
| 23  | C&LEE INC.  | Composites, Aluminum Heat Treatment   | www.candlee.co.kr       | - 31 |
| 24  | COTS TECHNOLOGY CO., LTD.                         | Avionics, Radar, Guided Weapon, Naval Combat<br>System, Submarine, Tank, Railway Applications   | www.cotstech.com        |      |
| 25  | CTLA CO., LTD.                                    | Aerospace and Defense   | www.ctla.co.kr          |      |
| 26  | DAEHWA AEROSPACE<br>INDUSTRIES CO., LTD.          | Aircraft Sheet Metal, Machined Parts&Assemblies   | www.daicoaero.com       | 00   |
| 27  | DAESUNG TMC CO., LTD.                             | Jig, Platform   | www.dstmc.com           | - 32 |
| 28  | DANAM SYSTEMS INC.                                | Avionics  | www.danam.co.kr         | _    |
| 29  | DASSAULT SYSTEMES KOREA CORP.                     | 3D Design&Engineering Software  | www.3ds.com             |      |
| 30  | DAWIN FRICTION CORPORATION                        | Friction Materials, Wheels&Brakes,<br>Hydraulic Cylinder Blocks   | www.dawinf.co.kr        | 00   |
| 31  | DIGITRON  | Guided Weapon, Surveillance Patrol, Avionics,<br>Aeronautical Light   | www.digitron.kr         | - 33 |
| 32  | DONGHWA A.C.M. CO., LTD.                          | Aircraft Tooling  | www.dhacm.com           |      |
| 33  | DONGYANG A.K KOREA CO., LTD.                      | Aircraft Frames and jig and fixtures,<br>Materials for rocket launchers   | www.akglobal.net        |      |
| 34  | DUKSAN NAVCOURS CO., LTD.                         | Defense Industry, Aerospace, PNT  | www.dsnc.co.kr          | 24   |
| 35  | DUNCHA AUTOMOTIVE CO., LTD.                       | Metallic Products with Hard Metal, Soft Metal   | www.duncha-global.com   | - 34 |
| 36  | EARTH & AEROSPACE<br>MANUFACTURING IND. CO., LTD. | Aircraft Door Systems, Aircraft Wing Assembly,<br>Sheet Metal Forming, Machining  | www.earthnaerospace.com |      |

| No. | COMPANY NAME                     | MAIN BUSINESS  | WEBSITE                | PAGE |
|-----|----------------------------------|--|------------------------|------|
| 37  | ENERGY&MACHINERY KOREA CO., LTD. | KF-21 Project, LCH/LAH Project, MRO  | www.yesemk.com         |      |
| 38  | FINE PRECISION CO., LTD.         | Aircraft parts,<br>Valve for ECS/Fuel system&Wiper system  | www.finei.kr           | - 35 |
| 39  | FIRSTEC CO., LTD.                | Avionics, Actuation System, Guidance Control Unit, Electronics   | www.firsteccom.co.kr   | 30   |
| 40  | FLEX SYSTEM CO., LTD.            | Control&Measurement Systems, Performance<br>Testing Equipment, Various Inspection Equipment  | www.flexsystem.co.kr   |      |
| 41  | FOREX CO., LTD.                  | Aerospace Machining Item and Sub Assembly  | www.forexaero.com      |      |
| 42  | FRD CO., LTD.                    | Pure Gas, Mixing Gas, Precursor  | www.frdbiz.com         | 0.0  |
| 43  | GAONSOFT CO., LTD.               | Public and private sector SI Business, Smart Factory<br>Consulting&Construction, Collecting information through<br>sensors and linking with Legacy System, Big Data Analysis | www.gaonsoft.com       | - 36 |
| 44  | GE AVIATION KOREA                | Jet Engines, Components and Integrated Systems<br>for Commercial and Military Aircraft   | www.geaviation.com     |      |
| 45  | GENOHCO INC.                     | Satellite Communication, Aerospace/Avionics,<br>Offset Business, Unmanned System   | www.genohco.com        |      |
| 46  | GV ENGINEERING CO., LTD.         | Aerospace Manufacturing, Aircraft parts, Space   | www.gv-engineering.com | - 37 |
| 47  | HANA I.T.M INC.                  | Gas Turbine Engine Parts Manufactruing   | www.hanaitm.com        | 31   |
| 48  | HANKUK CARBON CO., LTD.          | Aerospace Composite Materials, Aircraft Parts, UAV   | www.hcarbon.com        |      |
| 49  | HANKUK FIBER CO., LTD.           | Composite Parts  | www.hfiber.com         |      |
| 50  | HANSUNG S&I CO., LTD.            | Generator, ILS (Integrated Logistics Support),<br>SW development   | www.hansungsni.com     | 20   |
| 51  | HUCENTECH CO., LTD.              | Guided Control, Avionics, Tactical Communication,<br>Industrial Computer   | www.hucentech.com      | - 38 |
| 52  | HUNEED TECHNOLOGIES CO., LTD.    | Tactical Communication, Command&Control,<br>Airborne System, Ground System, MRO  | www.huneed.com         |      |
| 53  | HWASEUNG MATERIAL CO., LTD.      | Feul Tank, Rubber Meterial, Fluid System   | www.hscmb.co.kr        |      |
| 54  | HYUNDAI MOBIS CO., LTD.          | System Solutions, Module Manufacturing,<br>Services and Parts  | www.mobis.co.kr        | 39   |
| 55  | INTELLIAN TECHNOLOGIES INC.      | Satellite Antennas and Terminals   | www.intelliantech.com  |      |

| No. | COMPANY NAME  | MAIN BUSINESS   | WEBSITE                | PAGE |
|-----|---|---|------------------------|------|
| 56  | JEIL HTC  | Heat Treatment of aerospace&defense metal parts   | blog.naver.com/jeilhtc | 39   |
| 57  | JNS CO., LTD.   | Power Electronics, Drives, Systems  | www.jns.co.kr          |      |
| 58  | JOIL CO., LTD.  | Aerospace&Defense,<br>Aircraft Structural&Engine Parts&Space  | www.joilaero.com       |      |
| 59  | KAEMS<br>(KOREA AVIATION ENGINEERING&<br>MAINTENANCE SERVICE, LTD.) | Aviation MRO (Maintenance, Repair and Overhaul)<br>Service  | www.kaems.com          | - 40 |
| 60  | KENCOA AEROSPACE<br>CORPORATION                                     | Machining, Assembly, P2F (Passenger to Freighter),<br>MRO, Aerostructure, Defense, Space, Engine, AAM | www.kencoa.com         |      |
| 61  | KIWA KOREA LTD.   | Testing, Inspection, Certification, Training  | www.kiwa.com/kr/ko/    |      |
| 62  | KM&I CO., LTD.  | Car Seats, Seat Parts, Aircraft Seats   | www.kmni.co.kr         | 41   |
| 63  | KOLON DACC COMPOSITE CO.,<br>LTD.                                   | Aerospace and Defense Composite Parts (Structural)  | www.kolondacc.com      | - 41 |
| 64  | KOMACO CO., LTD.  | Lighting Panel  | www.komaconvis.com     |      |
| 65  | KOREA AEROSPACE<br>ASSEMBLY&MACHINING LTD.                          | Sub Assembly, Machined Parts  | www.kampm.com          |      |
| 66  | KOREA COMPOSITES INC.   | Aerospace, Military & Industrial Composite Parts (Structural, Interior)                               | www.kci.so             | 40   |
| 67  | KOREA NON-FERROUS METALS<br>CO., LTD.                               | Aerospace Material & Service (Aluminum Distributor)   | www.hanbee.com         | - 42 |
| 68  | KOREA JIG&FIXTURE IND CO., LTD.                                     | Aerospace Tooling,<br>Aircraft Machining&Structural Parts, Space                                      | www.kjfaero.com        |      |
| 69  | KOREA SURFACE TREATMENT CO., LTD.                                   | Surface Treatment   | www.thekst.com         |      |
| 70  | KOREA TESTING   | Customized Test Equipment&Simulator   | www.koreatesting.co.kr | 40   |
| 71  | KP AERO INDUSTRIES CO., LTD.  | Machined Part, Assembly, Tooling, Jig&Fixture   | airkpc.com             | - 43 |
| 72  | KSEP CO., LTD.  | Motor, Inverter   | www.ksep.co.kr         |      |
| 73  | LACO CO., LTD.  | Aircraft Components (Engine Parts, Machining Parts, Assembly, Forming Parts)                          | www.leadingaero.com    | 4.4  |
| 74  | LAKWOO INDUSTRY CO., LTD.   | Aircraft Jig&Fixture, Precision Parts   | www.lakwoo.co.kr       | - 44 |

| No. | COMPANY NAME                              | MAIN BUSINESS  | WEBSITE             | PAGE      |
|-----|---|--|---------------------|-----------|
| 75  | LRQA KOREA LTD.                           | Certification, Inspection, Assurance, Training,<br>Digital and Software  | www.lr.org/ko-kr    |           |
| 76  | MICROINFINITY                             | Navigation System (including MEMS Inertial Sensors, GNSS, GNSS/INS Integrated System, and Other Sensors),<br>Advanced Anti-Jamming Solutions, Data Link, Power Solutions | www.minfinity.com   | - 44      |
| 77  | MIRAE AEROSPACE CO., LTD.                 | Assembly, Machining Parts  | www.miraeaero.com   |           |
| 78  | NDT ENGINEERING & AEROSPACE CO., LTD.     | Aviation Parts Machining, Aviation Parts Assembly  | www.ndteng.co.kr    | -<br>- 45 |
| 79  | NES&TEC CO., LTD.                         | Unmanned Aerial System   | www.nesnt.com       | - 40      |
| 80  | NEUROS CO., LTD.                          | Aerospace Turbo Machinery  | www.neuros.co.kr    |           |
| 81  | NEXCOMS CO., LTD.                         | Composites&Systems Application   | www.nexcoms.com     |           |
| 82  | NEXTFOAM INC.                             | Computational Fluid Dynamics (CFD) Software  | www.nextfoam.co.kr  | 16        |
| 83  | PSION DSP CORPORATION                     | Avionic DHA&MFD, Naval&Land Display, Panel PC, NVIS LED  | www.psiondsp.com    | - 46      |
| 84  | QNION CO., LTD.                           | Avionics, Space  | www.qnion.com       |           |
| 85  | RH FOCUS CORP.                            | Aircraft MRO   | www.rhfocus.com     |           |
| 86  | S&K AEROSPACE CO., LTD.                   | Assembly and Detail Parts Fabrication including Special Process for Aircraft Component   | www.snkaero.co.kr   | - 47      |
| 87  | SAMYANG COMTECH CO., LTD.                 | Airframe, Aircraft Flexible Fuel Tank, Armor Plate   | www.samyangct.com   | 41        |
| 88  | SATREC INITIATIVE CO., LTD.               | Satellite Systems, Electro-Optical Payloads,<br>Ground Systems, Defense Products   | www.satreci.com     |           |
| 89  | SEOUL STANDARD CO., LTD.                  | Avionics, Rugged Panel PC&Display, SBC   | www.sstandard.co.kr |           |
| 90  | SEWOO AEROSPACE CO., LTD.                 | Tube Assemblies (with or without welding) for<br>Hydraulic Systems and Environmental Control System  | www.sewoo.biz       | 40        |
| 91  | SHARP TECHNICS K CO., LTD.                | Aircraft Maintenance,<br>Repair and Overhaul (MRO) Service   | www.sharp.co.kr     | - 48      |
| 92  | SHINBO CO., LTD.                          | Power, Electronics, Control Total Solution,<br>Embedded H/W, S/W, VR based Simulator   | www.shinbo.kr       |           |
| 93  | SONGWOL CO., LTD. SONGWOL<br>TECHNOLOGIES | Composite and Metal Bonded Airframe&Component,<br>Space  | www.songwoltech.com | 49        |

| No. | COMPANY NAME                     | MAIN BUSINESS   | WEBSITE                 | PAGE |  |
|-----|----------------------------------|---|-------------------------|------|--|
| 94  | SOOSUNG AIRFRAME IND., LTD.      | Aircraft Fuselage Assembly, Machining, Sheet Metal,<br>Tooling  | www.soosungair.com      |      |  |
| 95  | SVMTECH CO., LTD.                | Satellite launch vehicle,<br>Fuel Supply Line&Hydraulics Supply Line  | www.svmtech.co.kr       | 49   |  |
| 96  | TCT CO., LTD.                    | Aerospace Parts   | www.tct.co.kr           |      |  |
| 97  | TOPS CO., LTD.                   | Waterjet System Solution  | www.topswaterjet.com    |      |  |
| 98  | UCONSYSTEM CO., LTD.             | UAV, GCS, Simulator   | www.uconsystem.com      | -    |  |
| 99  | UI HELICOPTER CO., LTD.          | Helicopter MRO (Maintenance, Repair&Overhaul),<br>CRO (Component Repair&Overhaul), Refurbishment,<br>Upgrade, System Integration  | www.uihelicopter.com    | - 50 |  |
| 100 | U-TEL CO., LTD.                  | Microwave Modules, Transceivers   | www.utel.co.kr          |      |  |
| 101 | VESSELAEROSPACE CO., LTD.        | Light Sport Aircraft (LSA), Unmanned Aerial Vehicle<br>(UAV), Urban Air Mobility (UAM) PAV, Infrastructure/<br>Aircraft Equipment&Parts   | www.vesselaerospace.com |      |  |
| 102 | YEONHAB PRECISION CO., LTD.      | Harness, Communication Device, Slip Ring,<br>Aero Electronics   | www.yeonhab.co.kr       | F1   |  |
| 103 | YOUNGPOONG ELECTRONICS CO., LTD. | Avionics  | www.ypelec.co.kr        | - 51 |  |
| 104 | YULKOK LTD.                      | Aircraft Detail Parts&Assemblies  | www.yulkok.co.kr        |      |  |
| 105 | BOBS INC.                        | Manufacture of Composite Parts for Aircraft & Defense Industries  | www.bob-s.co.kr         |      |  |
| 106 | CHANGMIN TECHRON CO., LTD.       | Manufacture of Automobile Engine/Body Parts, Manufacture of Aircraft Parts, Manufacture of Tents and Other Canvases, Civilian Business (Membrane Structures, Civilian Sheets)       | www.cmtechron.com       | 52   |  |
| 107 | LOCKHEED MARTIN<br>CORPORATION   | A global security and aerospace company engaged in research, design, development, manufacturing, integration and sustainment of advanced technology systems, products, and services | www.lockheedmartin.com  |      |  |

# KOREA AEROSPACE INDUSTRIES, LTD.

| Contact Person              | Seho Oh   | KOREA AEROSPACE INDUSTRIES, LTD. |
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| Tel                         | +82-55-851-4287   | INDUSTRIES, LTD.                 |
| E-mail                      | seho.oh@koreaaero.co  | om                               |
| Website                     | www.koreaaero.com   |                                  |
| Address                     | 78, Gongdan 1-ro, Sanam-myeon, Sacheon-si,<br>Gyeongsangnam-do, Republic of Korea |                                  |
| Main business<br>(Category) | Aerospace&Defense/Airframe&Component/Space  |                                  |
| Products                    | • Fixed Wing: KF-21(developing), T-50 family (TA-50, FA-50), KT-1 family          |                                  |
|                             | • Rotary Wing: KUH family(MUH, Parapublic),                                       |                                  |

- LCH/LAH · A350 Wing Rib, Boeing 787 Sec.11, FTE
- F-15 Wing&Forward Fuselage, AH-64 Fuselage
- · UAV, Satellite





KUH

KF-21

# HANWHA AEROSPACE CO., LTD.

| Contact Person  | Joonyoup Cho  | @ U                 |  |
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| Tel   | +82-2-729-4069  | @Hanwha Aerospace   |  |
| E-mail  | chojoonyeop@hanwha.com  |                     |  |
| Website   | www.hanwhaaerospace.co.kr   |                     |  |
| Address   | 11F, Hanwha Bldg., 86, Cheonggyecheon-ro,<br>Jung-gu, Seoul, Republic of Korea                    |                     |  |
| Main business<br>(Category)   | Aircraft Engine, Aircraft Engine Parts, Aero Mechanical<br>System, Space Launch Propulsion System |                     |  |
| Products  | Aircraft engine manufacture&maintenance   |                     |  |
|   | Inlet case, outer guid<br>combustor module  | ed vane, fan blade, |  |
| <ul> <li>Landing gear system, flight control int<br/>servo actuator, electro-mechanical ac<br/>system, fuel system</li> </ul> |   |                     |  |
|   | Engine and mechatronics for space launch<br>vehicle   |                     |  |





T700-701K Engine

T-50 FCISA (Flight Control Integrated Servo Actuator)

# **KOREA LOST-WAX CO., LTD.**

| Contact Person  | J.S. Hwang   |                      |  |
|---|--|----------------------|--|
| Tel   | +82-31-499-8485  | Y                    |  |
| E-mail  | capman@lostwax.co.l  | (T                   |  |
| Website   | www.lostwax.co.kr  | www.lostwax.co.kr    |  |
| Address   | 220, Shihwa-ro, Danwon-gu, Ansan-si,<br>Gyeonggi-do, Republic of Korea |                      |  |
| Main business<br>(Category)   | Investment Casting for Aerospace<br>Engines&Fuselages                  |                      |  |
| Products  | Blades and Nozzle castings for aerospace<br>engines(Super Alloy)       |                      |  |
| <ul> <li>Aluminum &amp; 17-4ph Fuselage castings of<br/>KAI(KF-21, T-50)</li> </ul> |  | Fuselage castings of |  |

• Castings for Korea Utility Helicopter(SURION) • Directional Solidification(DS)&Single Crystal(C/X)



Castings



**Engines Casting** 

**Fuselages Casting** 

KOREAN AIR AEROSPACE DIVISION

| Contact Person  | Kwangmo Nam  | KSREAN AIR  |
|---|--|-------------|
| Tel   | +82-51-970-5228  | NO REAL AIR |
| E-mail  | kmnam@koreanair.com  |             |
| Website   | techcenter.koreanair.o   | om          |
| Address   | 260, Haneul-gil, Gangseo-gu, Seoul,<br>Republic of Korea   |             |
| Main business<br>(Category)   | UAV/Aerostructure/Military Aircraft MRO  |             |
| Products  | High Performance Strategic MALE UAV,<br>Purpose Tactical UAV, Hybrid Drone, Tilt<br>Unmanned Helicopter            |             |
| <ul> <li>B787 Aft Body/Raked WingTip/A<br/>Bulkhead/Flap Support Fairing</li> </ul> |  | - '         |
|   | B737 MAX Winglet/Flap Support Fairing  |             |
|   | A320/A330 Sharklet, A350 Cargo Door  |             |
|   | <ul> <li>Depot Level Maintenance &amp; Performance</li> <li>-F-15/F-16/A-10/CH-53/CH-47/UH-60/F-4/500MD</li> </ul> |             |





High Performance Strategic MALE UAV

B787 Aft Body

# LIG NEX1 CO., LTD.

| Contact Person              | Youjin Lee  | LIC Nov1 |
|-----------------------------|---|----------|
| Tel                         | +82-2-1644-2005   | LIG Nex1 |
| E-mail                      | youjin.lee@lignex1.com  |          |
| Website                     | www.lignex1.com   |          |
| Address                     | 207, Mabuk-ro, Giheung-gu, Yongin-si,<br>Gyeonggi-do, Republic of Korea |          |
| Main business<br>(Category) | PGM, ISR, C4I, Aerospace, EW, Unmanned Robot, MRO                       |          |
| Products                    | Air-Defense System Missile System                                       |          |

#### Products

- Air-Defense System, Missile System
- · Radar System
- Drone, Avionics, Electronic Warfare System
- Communication System, Cyber Warfare System
- MRO Service





M-SAM II

CHIRON

### AEROSPACE TECHNOLOGY OF KOREA INC.

| Contact Person              | Seon-yong Ha   |  |
|-----------------------------|--|--|
| Tel                         | +82-55-851-7000  | AST  |
| E-mail                      | hasy241@astgroup.co  | ı.kr   |
| Website                     | www.astk.co.kr   |  |
| Address                     | 23-65, Gongdan 1-ro, Sanam-myeon, Sacheon-si,<br>Gyeongsangnam-do, Republic of Korea |  |
| Main business<br>(Category) | Aircraft Fuselage Assembly&Design,<br>Fab&Machining Components(Stringer/Skin)        |  |
| Products                    | Airframe: B737 Section 48, B737 APU Door/<br>Deck/BKHD, E-2 CFIII&AFT, A321 MDCD/CED |  |
|                             | Metalic Parts : String     Stretcher wrap Blade                                      | er, Skin, Machining,<br>Her press, Press brake |

Rollbender, Rubber press





B737 Section 48

E-Jets E2 After Fuselage

# ANH STRUCTURE CO., LTD.

| Contact Person              | Yeong-min Song  | ANH       |
|-----------------------------|---|-----------|
| Tel                         | +82-55-793-0111   | Structure |
| E-mail                      | pma@anhstructure.cc   | m         |
| Website                     | www.anhstructure.com  |           |
| Address                     | 2, Beomgol-ro 54Beon-gil, Jinju-si,<br>Gyeongsangnam-do, Republic of Korea                                  |           |
| Main business<br>(Category) | Structure Design&Analysis of Aircraft/Engineering<br>Research and Development/Aircraft Interior Parts/Space |           |
| Products                    | Structural Design&Analysis of Aircraft  |           |

- (Commercial, Military)
- Multicopters Development&Production
- Test&Validation
- Carbon Fiber Composite Material Propellant
- · Aircraft Interior Parts







Sled Test

### **CITEK SYSTEM**

| Contact Person              | Soohyun Lee   |  |
|-----------------------------|---|--|
| Tel                         | +82-2-2025-8740   |  |
| E-mail                      | shlee@citek.co.kr   |  |
| Website                     | www.citek.co.kr   |  |
| Address                     | 1007~1008, World Meridien 2nd, 123, Gasan digital 2-ro,<br>Geumcheon-gu, Seoul, Republic of Korea |  |
| Main business<br>(Category) | R&D Solution supply and service   |  |
| Products                    | Siemens CAD/CAM/CAE Solution  |  |
|                             | GE Metal Printer  |  |
|                             | Digital Twin/Machine IoT Solution   |  |
|                             | Tecnomatix(Digital Manufacturing Solution)  |  |
|                             | Teamcenter(PLM Solution)  |  |
|                             |   |  |





GE Additive Metal Printer

Digital Twin Solution

### **DnMA**(Distribution and Manufacturing for Aerospace)

| Contact Person              | Jaeuk Hwang   | D.M.  |
|-----------------------------|---|-------|
| Tel                         | +82-70-4170-2988  | Uniyi |
| E-mail                      | dnma@hanmail.net  |       |
| Website                     | www.dnmaero.com   |       |
| Address                     | 233, Gongdan-2ro, Sanam-Myeon, Sacheon-si,<br>Gyeongsangnam-do, Republic of Korea   |       |
| Main business<br>(Category) | Raw Material Storage&Management, Machining,<br>Assembly, Tooling&Support Equipment, Raw<br>Material&Honeycomb Cores Cutting |       |
| Products                    | Raw Material Management   |       |
|                             | Cutting, Machining(B  |       |

- T-50 Keel Beam/AH-64 Grame, Support) · JIG Design&Manufacturing
  - · Ground Support Equipment
  - · A350/A330 Wing Rip Assembly





Tools

B777X Wing rib assembly

# HANWHA SYSTEMS CO., LTD.

| Contact Person              | Yoon G Kim  | (a) Hanwha Systems  |
|-----------------------------|---|---------------------|
| Tel                         | +82-2-729-2127  | or loriwria systems |
| E-mail                      | yoong.kim@hanwha.c  | om                  |
| Website                     | www.hanwhasystems   | .com                |
| Address                     | 14F, Hanwha Bldg., 86, Cheonggyecheon-ro,<br>Jung-gu, Seoul, Republic of Korea  |                     |
| Main business<br>(Category) | Avionics, Space, Urban Air Mobility(UAM)  |                     |
| Products                    | Avionics, Space, Urban Air Mobility(UAM)  • Micro SAR Satellite, Satellite Sensor(SAR/EO/IR), Satellite Communication, AESA Radar, EO TGP(Electro-Optical Targeting Pod), IRST(Infrared Searcher and Tracker), MFD(Multi Function Display), ACCS(Audio Command and Control System), MC(Mission Computer), DIRCM(Directoinal Infrared Countermeasure), TADS(Target Acquisition Designation System), RWR(Radar Warning System), LWR(Laser Warning Receiver), SMFD(Smart Multi Function Display), SCDU(Smart Control Display Unit), AMSCP(Audio Management System Control Panel), ICS(InterCom System), IFF Mode-5, TACAN, TAC-ELINT POD, ACCTVS(Aircraft Cockpit Color Television System), ASHM(Aft-Seat HUN Monitor), FLIR(Forward Looking Infra-Red), All-electric vertical take-off and landing(eVTOL) aircraft, Urban Air Traffic Management System |                     |

# HIZE AERO CO., LTD.

| Contact Person              | Hyuncheol Moon HIZEAER  | 0    |
|-----------------------------|---|------|
| Tel                         | +82-51-761-8730   |      |
| E-mail                      | hcmoon@hizeaero.com   |      |
| Website                     | www.hizeaero.com  |      |
|                             | 18, Saneop-ro 111beon-gil, Jeongchon-myeon, Jinj<br>Gyeongsangnam-do, Republic of Korea | u-si |
| Address                     | 24, Gongdan 5-ro, Sanam-myeon, Sacheon-si,<br>Gyeongsangnam-do, Republic of Korea       |      |
|                             | 44, Garisae 2-ro, Gangseo-gu, Busan, Republic of Ko                                     | orea |
| Main business<br>(Category) | Composite Fabrication, Machining, Sheet Metal,<br>Surface Treatment, Assembly           |      |
| Products                    | B737/B787 Fixed Trailing Edge   |      |
|                             | B787 Center Wing Box  |      |
|                             | • B767 Sec.48 AFT Body Tailcone   |      |
|                             | B737 Horizontal Stabilizer Spar Chord   |      |
|                             | B737 Max Winglet  |      |





B767 Sec.48 AFT Body Tailcone

B787 Center Wing Box

# **HYUNDAI WIA CO., LTD.**

|                                     |  | •                         |
|-------------------------------------|--|---------------------------|
| Contact Person                      | Sunghwan Lee   | HYUDDAI                   |
| Tel                                 | +82-55-280-9167  | WIA                       |
| E-mail                              | zeroth@hyundai-wia   | .com                      |
| Website                             | www.hyundai-wia.co   | m                         |
| Address                             | 153 Jeongdong-ro, Seongsan-gu, Changwon-si,<br>Gyeongsangnam-do, Republic of Korea   |                           |
| Main business<br>(Category)         | Automobile Parts, Machine Tools,<br>Industrial Machine, Defense  |                           |
| Products                            | 155mm Self-Propelled Howitzer Main<br>Armament, Tank Main Armament,<br>155mm/105mm Towed Howitzer     81mm/60mm Mortar      RCWS For Surveillance and Reconnaissance,<br>RCWS For Combat |                           |
|                                     |  |                           |
|                                     |  |                           |
|                                     | • 5*/76mm/56mm/40mm Naval Gun, 30mm CIWS   |                           |
| • Landing Gear, Main Rotor Control, |  | Rotor Control, Pilot Seat |
|                                     | 4 .  | - 6                       |

T-50 Landing Gear



KUH-1 Landing Gear

### **HYUNE AERO-SPECIALTY INC.**

| Contact Person              | Bum Huh   | WE HYUNE       |
|-----------------------------|---|----------------|
| Tel                         | +82-51-974-6500   | AERO-SPECIALTY |
| E-mail                      | hangong@hyune.co.kr   |                |
| Website                     | www.hyune.co.kr   |                |
| Address                     | 91 Noksansandan-46-ro, Gangseo-gu, Busan,<br>Republic of Korea  |                |
| Main business<br>(Category) | Airframe Assembly/Part Manufacturing  |                |
| Products                    | Airframe Assemblies and Detail Parts for the<br>Boeing, Airbus, EMB, Gulfstream V, and other<br>aircraft manufacturer |                |

- · Airframe Assembly/Sub Assembly
- · Machined Parts/Sheet Metal Parts/ Extrusion Parts
- Parts Kitting





B787 Raked Wing Tip Wing Box B737 Bulkhead Assembly

### **ACE ANTENNA CORP.**

| Contact Person              | Seongil Cha   | ace antenna A |
|-----------------------------|---|---------------|
| Tel                         | +82-32-837-8166   | ace anienna 🔨 |
| E-mail                      | chabak@aceantenna.c   | co.kr         |
| Website                     | www.aceantenna.co.ki  | ſ             |
| Address                     | 237, Namdongseo-ro, Namdong-gu, Incheon,<br>Republic of Korea |               |
| Main business<br>(Category) | Antenna, Communications Device                                |               |
| Products                    | Tactical Communication Antennas                               |               |
|                             | Satellite Antennas  |               |
|                             | Datalink Antenna System                                       |               |
|                             | Radar Antennas & Systems                                      |               |
|                             | Anti-Jamming GPS Antenna                                      |               |
|                             | Guided Missile Antenna  |               |







Division Level UAV Antenna

Long-Range Radar Antenna

Low profile parabolic antenna for satellite communication

### **AERO MASTER CORPORATION**

| Contact Person              | Jeongbae Suh   | AERO MASTER                             |
|-----------------------------|--|---|
| Tel                         | +82-55-853-2975  | CORPORATION Aerospace & Defense Systems |
| E-mail                      | aeromaster@amc21.c   | o.kr                                    |
| Website                     | www.amc21.co.kr  |   |
| Address                     | 345, Haeansaneop-ro, Sanam-myeon, Sacheonsi, Gyeongsangnam-do, Republic of Korea |   |
| Main business<br>(Category) | Avionics, Ground Station, Wire Harness   |   |
| Products                    | DTS(Data Transfer System),     CHCU(Cargo Hook Control Unit),                    |   |

- DTRS(Data Transfer and Recording System)
- · RIU(Remote Interface Unit), ARIU(Avionics Remote Interface Unit)
- HQS(Handling Quality Simulator), PBX(Pilot Box)
- · Wire harness and matrix assembly





### AIRRIIS KORFA I TO

| AINDUS                      | KUNEA LI  | D.   |
|-----------------------------|---|--|
| Contact Person              | Seunghyun Jeong   | AIRBUS   |
| Tel                         | +82-2-3279-6702   | Alltbus  |
| E-mail                      | seunghyun.jeong@airbus.com  |  |
| Website                     | www.airbus.com  |  |
| Address                     | 9F, AIA Tower, 16, Tongil-ro 2-gil, Jung-gu, Seoul,<br>Republic of Korea  |  |
| Main business<br>(Category) | Commercial Aircraft, Helicopters, Defence and Space   |  |
| Products                    |   | enger Aircraft, Freighter Family,<br>Comfort, Cockpits, Aerostructures |
|                             | Helicopters: Civil helicopters, Military helicopters, Corporate<br>helicopters-ACH, Pre-owned helicopters, UAS  |  |
|                             | Defence: Multi-Domain-Superiority, Aircraft, UAS, Connectivity<br>Intelligence&data   |  |
|                             | Space: Earth observation, Telecom, Navigation, In Space<br>infrastructure, On ground infrastructure, Equipment,<br>Exploration, Business solutions, Customer services |  |





• Security: Cybersecurity, Critical infrastructure, Public safety

## ALMAC CO., LTD.

| Contact Person              | Seongsu Kim  | () ALMAC |
|-----------------------------|--|----------|
| Tel                         | +82-55-260-0407  | ALVIAC   |
| E-mail                      | seongsu.kim@almac.   | co.kr    |
| Website                     | www.almac.co.kr  |          |
| Address                     | 148, Gongdan-ro, Seongsan-gu, Changwon-si,<br>Gyeongsangnam-do, Republic of Korea                    |          |
| Main business<br>(Category) | Aluminum Extrusion&Parts   |          |
| Products                    | Heat Sink, Vehicle, Marine, Boiler/Air conditioning,<br>Mould, High Strength, Architectural Material |          |
|                             | • Engine&Transmission, Safety, External,   |          |

Bus Window&Moulding Parts



# APPIA ENGINEERING, LTD.

| Contact Person              | Taeheup Ha  | APPIA         |
|-----------------------------|---|---------------|
| Tel                         | +82-55-759-1670   |               |
| E-mail                      | L810029@naver.com   |               |
| Website                     | www.appiaeng.com  |               |
| Address                     | Wings tower A310, 12, Dongbu-ro 169beon-gil,<br>Jinju-si, Gyeongsangnam-do, Republic of Korea   |               |
| Main business<br>(Category) | Aircraft Structure⋐ System Design, Flight<br>Control OFP Software Development, Avionics   |               |
| Products                    | Aircraft Structure & Sub System Design     AL & Composite Parts     Engine, ECS, Fuel System, L/G, Installation     Wire Harness Installation |               |
|                             | • Flight Control OFP S/   | W Development |



Contact Person Daeil Oh



M DQI

## **AS&D SOLUTIONS INC.**

| Contact Person              | Yonggeol Song   | AS&D Solutions  |
|-----------------------------|---|---|
| Tel                         | +82-55-335-9102   | Quality Management System for Aviation, Space & Defense |
| E-mail                      | ksq9100@gmail.com   |   |
| Website                     | www.asnd.kr   |   |
| Address                     | 203, WITH3 Building, 12, Beonhwa 1-ro 44beon-gil,<br>Gimhae-si, Gyeongsangnam-do, Republic of Korea   |   |
| Main business<br>(Category) | Consulting, Training and Technical support for IAQG 9100 Series, NADCAP/KSPC Certifications and Delegated Inspection for external providers |   |
| Products                    | Consulting and training service by IAQG<br>registered Aerospace Lead Auditors with<br>extensive industries experience/knowledge             |   |
|                             | Technical support so<br>engineering, and 2nd  | lutions for quality/<br>party Delegated Inspection      |

service for external providers

· Offering the best tailored mentoring for Auditor

### ASIA PACIFIC SATELLITE INC.

| Tel                         | +82-2-2026-7704 Asia Pacific Satellite Inc.   |  |
|-----------------------------|---|--|
| E-mail                      | Five2one@apsi.co.kr   |  |
| Website                     | www.apsi.co.kr  |  |
| Address                     | 9F, 2-dong 98, Gasan Digital 2-ro, Geumcheon-gu,<br>Seoul, Republic of Korea  |  |
| Main business<br>(Category) | Satellite Communication Sector,<br>Satellite Manufacture Sector   |  |
| Products                    | X5-Touch, MarineStar, SatSleeve+,     SatSleeve Hotspot, XT-PRO, XT-LITE, FDU-XT,     FDU-XT PLUS, VDK, Thuraya Marine, SM-2700,     Sat Trax, Telematics Monitoring System,     AlS Digital Tech, APT7000 Modem, THR-8,     GPS Module, Link-K Modem |  |







Standard On-Board Computer

### **AVIOSYS TECHNOLOGIES CO., LTD.**

|                             |  | •              |
|-----------------------------|--|----------------|
| Contact Person              | Jongwoo Lee  | <b>Aviosys</b> |
| Tel                         | +82-70-4863-8900   | TECHNOLOGIES   |
| E-mail                      | jwlee91@aviosystech  | .com           |
| Website                     | www.aviosystech.con  | า              |
| Address                     | B-801, Bundang Techno Park, 723, Pangyo-ro, Bundang-gu,<br>Seongnam-si, Gyeonggi-do, Republic of Korea   |                |
| Main business<br>(Category) | Avionics/Military Electronics Equipment/ATE(Auto<br>Test Equipment)  |                |
| Products                    | DAU(Data Acquisition Unit), CQAR(Card Quick Access<br>Recorder), PIP(Pilot Interface Panel), MWP(Master Warning<br>Panel), CWP(Caution Warning Panel), FCP(Flight Control Panel),<br>AFCAU(Automatic Flight Control Auxiliary Unit), IVI(Integrated) |                |

· HUMS(Health & Usage Monitoring System), RDC(Remote Data Concentrator), APMS(Autopilot Mode Selector), RCU(Re-Configuration Unit), WCP(Weapon Control Panel), RDC-TPS(Test Program Set)

Vehicle Information), DMM(Digital Moving Map) for KUH

ATE(Auto Test Equipment) for KUH/ KF-21





# Contact Person

Tel

**BST**(Best Semiconductor&Technology)

Gapdong Kim +82-31-373-7120

E-mail gdkim@bst-tech.co.kr

Website

413, Dongtan biz tower, 63-12, Dongtancheomdansaneop Address 1-ro, Hwaseong-si, Gyeonggi-do, Republic of Korea

Main business (Category)

Semiconductor Equipment Parts

**Products** • Semiconductor Equipment Auxiliary Facilities and Parts

# **C&LEE INC.**

| Contact Person              | Eunsoon Lee   |  |
|-----------------------------|---|--|
| Tel                         | +82-55-850-6220 <b>C &amp; Lee Inc.</b>   |  |
| E-mail                      | eunsoon@candlee.co.kr   |  |
| Website                     | www.candlee.co.kr   |  |
| Address                     | 263, Naechuk-ro, Chukdong-myeon, Sacheon-si,<br>Gyeongsangman-do, Republic of Korea |  |
| Main business<br>(Category) | Composites, Aluminum Heat Treatment   |  |
| Products                    | B777 Fixed Leading Edge : Inboard Panel,<br>Outboard Panel                          |  |
|                             | • KUH : Door, Lawer Panel, Cowling  |  |
|                             | Tooling : Chemical Miling Template, Plastic Lay-<br>up, Routing Fixture             |  |





B777 FLE



KUH Cowl

# COTS TECHNOLOGY CO., LTD.

| Contact Person              | Junghee Lee   | COTS<br>Technology          |
|-----------------------------|---|-----------------------------|
| Tel                         | +82-70-5052-7114  | Technology CO13 lectificity |
| E-mail                      | cots@cotstech.com, jl   | nee@cotstech.com            |
| Website                     | www.cotstech.com  |                             |
| Address                     | C-702, Bundang Techno-park, 744, Pangyo-ro, Bundang-<br>gu, Seongnam-si, Gyeonggi-do, Republic of Korea |                             |
| Main business<br>(Category) | Avionics/Radar/Guided Weapon/Naval Combat<br>System/Submarine/Tank/Railway Applications                 |                             |
| Products                    | Single Board Computer(Military,   |                             |

- Industrial&Specific purpose)
- Customized System(Console, Mission Computer)
- · Rugged Display Devices
- · Railway Application
- · IoT, Smart Gateway





SBC(Single Board Computer)

IMA(Integrated Modular Avionics)

## CTLA CO., LTD.

| <b>Contact Person</b>       | Jae-deok Koh   | <ti a<="" th=""></ti>               |
|-----------------------------|--|-------------------------------------|
| Tel                         | +82-31-222-9832  | Core Technologies Leading Aerospace |
| E-mail                      | kjd@ctla.co.kr   |                                     |
| Website                     | www.ctla.co.kr   |                                     |
| Address                     | 30, Dongtanjiseong-ro 412 beon-gil, Hwaseong-si,<br>Gyeonggi-do, Republic of Korea |                                     |
| Main business<br>(Category) | Aerospace and Defense  |                                     |
| Products                    | Power Take-Off(PTO) Shaft for T/FA-50 and<br>KF-21 Aircraft                        |                                     |
|                             | • Pylon & Bomb Rack<br>Helicopter(LAH)   | Unit for Korean Light Attack        |
| Rocket pod for Helicopter   |  | opter                               |





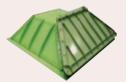
• Cannon Bore Cleaning System(105mm, 155mm)

T-50 Shaft

Rocket+BRU+Pylon Assy

# DAEHWA AEROSPACE INDUSTRIES CO., LTD.

| Contact Person              | Kwangsu Jung  | DAICO  |
|-----------------------------|---|--|
| Tel                         | +82-70-4269-5019  | 27.1100  |
| E-mail                      | jks8884@daicoaero.co  | om   |
| Website                     | www.daicoaero.com   |  |
| Address                     | 390, Gyosadaedok-gil, Goseong-eup, Goseong-<br>gun, Gyeongsangnam-do, Republic of Korea |  |
| Main business<br>(Category) | Aircraft Sheet Metal,<br>Machined Parts&Assemblies                                      |  |
| Products                    | Sheet Products: Support, Stepladder, Stringer,<br>Web, TE Lower Skin, Land-Strobe       |  |
|                             | Processed Products : Fitting, Frame, Bracket  |  |
|                             | ,   | tion 48 Pannel, P-8A Trailing<br>1777 Fixed Leading Edge,<br>aft |





B767 Tanker

P-8A Trailing Edge

# **DAESUNG TMC CO., LTD.**

| <b>Contact Person</b>       | Sunyoung Lee  | S DAEGUNG THE        |
|-----------------------------|---|----------------------|
| Tel                         | +82-51-313-5341   | DAESUNG T M C        |
| E-mail                      | daesunglogis@hanma  | il.net               |
| Website                     | www.dstmc.com   |                      |
| Address                     | 28, Techno valley 1-ro, Jillye-myeon, Gimhae-si,<br>Gyeongsangnam-do, Republic of Korea |                      |
| Main business<br>(Category) | Jig, Platform   |                      |
| Products                    | Logistics Transport N     Machinery   | Machinery&Industrial |





Platform

### DANAM SYSTEMS INC.

| Contact Person              | Junseok Kim  | <b>₩</b> DANAM |
|-----------------------------|--|----------------|
| Tel                         | +82-31-538-6036  | SYSTEMS        |
| E-mail                      | 71243@danam.co.kr  |                |
| Website                     | www.danam.co.kr  |                |
| Address                     | 79-26, Dongpyeon-ro, Dongan-gu, Anyang-si,<br>Gyeonggi-do, Republic of Korea               |                |
| Main business<br>(Category) | Avionics   |                |
| Products                    | Avionics : Ethernet Switch, SIDAS(Structural<br>Integrity DAS), DAU(Data Acquisition Unit) |                |

- · Aerospace: MDU(Main Data Unit), STT(S-Band TLM Transmitter), POU(Propulsion Operating Unit), GMU(Ground Measuring Unit)
- · Unmanned Vehicle: Biomimetic Robot, Agricultural Drone, Unmanned Watercraft







SIDAS

### DASSAULT SYSTEMES KOREA CORP.

| Contact Person              | Wonik Lee   | 200SSOUT             |
|-----------------------------|---|----------------------|
| Tel                         | +82-2-3271-6606   | DASSAULT<br>SYSTEMES |
| E-mail                      | Wonik.LEE@3ds.com   |                      |
| Website                     | www.3ds.com   |                      |
| Address                     | 9F, ASEM Tower, 517, Yeongdong-daero,<br>Gangnam-gu, Seoul, Republic of Korea |                      |
| Main business<br>(Category) | 3D Design&Engineering Software  |                      |
| Products                    | CATIA, SOLIDWORKS, ENOVIA, DELMIA,<br>SIMULIA, BIOVIA, etc.                   |                      |



### **DAWIN FRICTION CORPORATION**

| Contact Person              | Deuksoo Kang  | DAWINFRICTION |
|-----------------------------|---|---------------|
| Tel                         | +82-32-821-4621   | Cy - menen    |
| E-mail                      | dskang@dawinf.co.kr   |               |
| Website                     | www.dawinf.co.kr  |               |
| Address                     | 20, Namdongdong-ro<br>Namdong-gu, Incheor                     | - ·           |
| Main business<br>(Category) | Friction Materials/Wheels&Brakes/Hydraulic<br>Cylinder Blocks |               |
| Producto                    | Eription Materials  |               |

#### Products

- Friction Materials
- Aircraft(KT-1, T-59, F-5, F-4)
- High Speed Trains(KTX, ITX)
- Military Vehicle, Tanks(K1&K2)
- · Wheel&Brakes
  - Wheel&Wheel Brake Assembly(KUH, BELL525, M-345, UH-60)







Friction Materials







Wheel&Brakes

### **DIGITRON**

| Contact Person              | Ho-sung Hwang   | DIGITRON       |
|-----------------------------|---|----------------|
| Tel                         | +82-31-707-1891   | 주의가 디지트론       |
| E-mail                      | hshwang@digitron.kr   |                |
| Website                     | www.digitron.kr   |                |
| Address                     | A-701~702, Bundang Technopark, 697, Pangyo-ro,<br>Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea |                |
| Main business<br>(Category) | Guided Weapon, Surveillance Patrol, Avionics,<br>Aeronautical Light                                       |                |
| Products                    | DCDU Front Panel  |                |
|                             | • KF-21 SMC TM, EJA   |                |
|                             | • LEA(Launcher Electro  | onic Assembly) |

· Interior and Exterior Lights for helicopter





## DONGHWA A.C.M. CO., LTD.

| Contact Person              | Jinsoo Jun   | DH                     |
|-----------------------------|--|------------------------|
| Tel                         | +82-55-337-6265  | A.C.M                  |
| E-mail                      | jhchoi@dhacm.com   |                        |
| Website                     | www.dhacm.com  |                        |
| Address                     | 275-21, Seobu-ro, Jiny<br>Gyeongsangnam-do, F                      |                        |
| Main business<br>(Category) | Aircraft Tooling   |                        |
| Products                    | Bonding Tool-Lay-u     Assembly Jig(BAJ)                           | p Mold(LM)/Bonding     |
|                             | Form&Die—Stretch F<br>Draw(STDW)/Drop-F<br>Form(CKFM)/Tooling      | Hammer Die(DHDI)/Check |
|                             | Composite Tool—Hand Router Fixture(HRF)/<br>ETTP(Etching Template) |                        |
|                             | • Others(NCMF, AJ, DJ  | I, FAJ, OHME, MIT)     |





Tailcone(Sec. 48) Wing Sh

Wing Sharklet

## DONGYANG A.K KOREA CO., LTD.

| Contact Person              | Seokhyun Lee  | AIZ       |
|-----------------------------|---|-----------|
| Tel                         | +82-44-998-7175   | <b>AK</b> |
| E-mail                      | mtshl@akglobal.net  |           |
| Website                     | www.akglobal.net  |           |
| Address                     | 70, Wonhapgang 1-gil, Yeondong-myeon, Sejongsi, Republic of Korea   |           |
| Main business<br>(Category) | Aircraft Frames and jig and fixtures, Materials for rocket launchers  |           |
| Products                    | Aluminum Casting and Extruded Product (Aluminum Billet and Slab, Aluminum Round/ Square Bar, Aluminum Tube and Profile) |           |

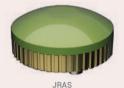


## **DUKSAN NAVCOURS CO., LTD.**

| Contact Person              | Myungjoo Lee  | DS Navcours                           |
|-----------------------------|---|---------------------------------------|
| Tel                         | +82-42-363-9181   | DS Navcours  DUKSAN Navcours Co.,Ltd. |
| E-mail                      | mjlee@oneduksan.com                                       | n                                     |
| Website                     | www.dsnc.co.kr  |                                       |
| Address                     | 66-6, Techno 2-ro, Yuseong-gu, Daejeon, Republic of Korea |                                       |
| Main business<br>(Category) | Defense Industry/Aerospace/PNT                            |                                       |
| Products                    | Anti-Jamming/Anti-Spoofing System                         |                                       |
|                             | Integrated GNSS/INS Navigation System                     |                                       |
|                             | Anti-Jamming EGI  |                                       |
|                             | Jamming/Spoofing Equipment                                |                                       |
|                             |   |                                       |

• Datalink System





**DUNCHA AUTOMOTIVE CO., LTD.** 

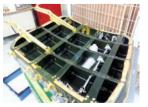
| Contact Person              | Rakeun Choi  | DUNCHA |
|-----------------------------|--|--------|
| Tel                         | +82-53-721-7614  | חחחוח  |
| E-mail                      | rechoi@duncha.co.kr  |        |
| Website                     | www.duncha-global.com  |        |
| Address                     | 15, Seongseogongdanbuk-ro 18-gil, Dalseo-gu,<br>Daegu, Republic of Korea |        |
| Main business<br>(Category) | Metallic Products with Hard Metal/Soft Metal                             |        |
| Products                    | Aerostructure : Nacelle&Thrust Reverse Products                          |        |

- · Aerostructure: Nacelle&Thrust Reverse Products
- System: Fuel&Hydraulic Application Products
- · Power&Control Application Products

## EARTH & AEROSPACE MANUFACTURING IND. CO., LTD.

| Contact Person                   | Seungsik Suh  | earth   |
|----------------------------------|---|---|
| Tel                              | +82-55-850-7791   | aerospace                                     |
| E-mail                           | sssuh@samcokorea.c  | om  |
| Website                          | www.earthnaerospace   | com.  |
| Address                          | 381, Haeansaneop-ro,<br>Gyeongsangnam-do, F                                   | Sanam-myeon, Sacheon-si,<br>Republic of Korea |
| Main business<br>(Category)      | Aircraft Door Systems/Aircraft Wing<br>Assembly/Sheet Metal Forming/Machining |   |
| Products • Aircraft Door Systems |   | S   |
|                                  | <ul> <li>Aircraft Wing Assembly</li> </ul>                                    |   |
|                                  | Sheet Metal Forming   |   |
|                                  | Machining   |   |







A350 Bulk Cargo Door

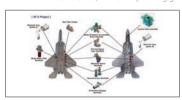
SSJ-100 Passenger Door

## **ENERGY&MACHINERY KOREA CO., LTD.**

| Contact Person              | Shinhyun Kang  | EM KOREA CO.,LTD.         |
|-----------------------------|--|---------------------------|
| Tel                         | +82-55-211-9851  | EMERGYAMACHRETY ROMEACOTO |
| E-mail                      | ksh12651@yesemk.co   | om                        |
| Website                     | www.yesemk.com   |                           |
| Address                     | 767, Ungnam-ro, Seongsan-gu, Changwon-si,<br>Gyeongsangnam-do, Republic of Korea |                           |
| Main business<br>(Category) | KF-21 Project, LCH/LAH Project, MRO  |                           |
| Products                    | • Korea let(T-50/TA-50/EA-50) (Hydraulic   |                           |

#### Products

- · Korea Jet(T-50/TA-50/FA-50) (Hydraulic reservoir, Landing gear door actuator, Landing
- · Development of the MRO Technology for Landing Gear System(B737 L/G)
- Korea Utility Helicopter(Main L/G, OBIGGS, Nose L/G, MGB, Pilot seat frame)
- A340/350/380, B737/787(Landing gear parts)



KF-21 Project

## FINE PRECISION IND,. LTD.

| Contact Person              | Jooyoung Shin  |                        |
|-----------------------------|--|------------------------|
| Tel                         | +82-51-301-1213  | FINE                   |
| E-mail                      | fineind@korea.com, fir                                 | ne@finei.kr            |
| Website                     | www.finei.kr   |                        |
| Address                     | 62, Dasan-ro, 175beor<br>Republic of Korea             | ı-gil, Saha-gu, Busan, |
| Main business<br>(Category) | Aircraft parts, Valve for ECS/Fuel system&Wiper system |                        |
| Products                    | Valve(ECS shut-off, modulation&Fuel shut-off, Flot)    |                        |
|                             | • Wiper/Washer system                                  |                        |
|                             | • ECS Pneumatic muffler                                |                        |
|                             | Latch(Toggle, Hook, Push bottom etc)                   |                        |





· Fitting tie down(Cargo ring), Hardware parts



ECS Shut-Off Valve for Aircraft

Wiper Motor

## FIRSTEC CO., LTD.

| Contact Person   | Jumyeong Woo   | FIRSTER OR LTD             |
|--|--|----------------------------|
| Tel  | +82-31-627-4522  | FIRSTEC CO., LTD.          |
| E-mail   | jmwoo@firsteccom.co  | o.kr                       |
| Website  | www.firsteccom.co.kr   |                            |
| Address  | 485, Nammyeon-ro, Seongsan-gu, Changwon-si,<br>Gyeongsangnam-do, Republic of Korea |                            |
| Main business<br>(Category)  | Avionics/Actuation System/<br>Guidance Control Unit/Electronics                    |                            |
| Products   | ADS(Air Data System), NVIS panel, TQS(Throttle<br>Quadrant System)                 |                            |
| <ul> <li>Landing Light / Search Light, ECS(Environn<br/>Control System)</li> </ul> |  | ch Light, ECS(Environmenta |
|  | FES(Fire Extinguishing System)   |                            |
|  | Fin Actuation System   | n, Vane Actuation System   |







Guidance Control Unit, Fire Control System



## FLEX SYSTEM CO., LTD.

| Contact Person              | Hyejeong Choi   |  |
|-----------------------------|---|--|
| Tel                         | +82-31-426-4510 FLEX System   |  |
| E-mail                      | hjchoi@flexsystem.co.kr   |  |
| Website                     | www.flexsystem.co.kr  |  |
| Address                     | 126, Beolmal-ro, Dongan-gu, Anyang-si,<br>Gyeonggi-do, Republic of Korea  |  |
| Main business<br>(Category) | Control&Measurement Systems, Performance<br>Testing Equipment, Various Inspection Equipment                       |  |
| Products                    | The performance, fatigue, endurance test<br>equipment of MRA(Main Rotor Actuator) and<br>TRA(Tail Rotor Actuator) |  |
|                             | The circuit board performance test equipment of<br>aircraft and guided weapons                                    |  |
|                             | The control and signal processing of the combustion test equipment  |  |





Truster

Blasting agents test equipment

## FOREX CO., LTD.

| Contact Person              | S.M. Hong   | FOREX |
|-----------------------------|---|-------|
| Tel                         | +82-55-274-4804   | FOREX |
| E-mail                      | forex2@forexaero.con  | n     |
| Website                     | www.forexaero.com   |       |
| Address                     | 46, Banwol-ro, Seongsan-gu, Changwon-si,<br>Gyeongsangnam-do, Republic of Korea |       |
| Main business<br>(Category) | Aerospace Machining Item and Sub Assembly                                       |       |
|                             |   |       |

#### **Products**

- B737 Termination Fitting/Ribs/Stiffener, B767 S-48 Frame/Web, B777x Nacelle Fitting, B787 Fitting/Rib&Cover/J-Rib&Stap Brace
- A321-16A Fuselage Skin, A320 Stringers/Butt Strap, A330 EIS CEO RIB, A350 MTX Frame/ Retract Fitting
- E195 Frames, KC390 Lower Stringer, EMB KC390 Upper Stringer
- T-50 Bulkhead/Wing Skin/Frame, KUH Keel Beam/Bulkhead/Fitting







## FRD CO., LTD.

| Contact Person              | Sanggu Cho  | (A) EDD |
|-----------------------------|---|---------|
| Tel                         | +82-70-4492-7823  | (©) FRD |
| E-mail                      | tkdrn789@frdbiz.com   |         |
| Website                     | www.frdbiz.com  |         |
| Address                     | 343-1, Jangsu-ro, Iwol-myeon, Jincheon-gun,<br>Chungcheongbuk-do, Republic of Korea |         |
| Main business<br>(Category) | Pure Gas, Mixing Gas, Precursor   |         |
| Products                    | Pure Gas, Mixing Gas, Precursor, Semi Parts, etc.                                   |         |







Pedestal 8"

Pedestal 12"





Vector 12"

Forged DXZ 8"

## GAONSOFT CO LTD

| Contact Person              | GAUNSUFI  |  |
|-----------------------------|---|--|
| Tel                         | +82-55-231-7707 GAONSOFT Co,.Ltd.   |  |
| E-mail                      | scmjbh@gaonsoft.com   |  |
| Website                     | www.gaonsoft.com  |  |
| Address                     | 3F, Naraegwan, 15-13, Bongamgongdan 13-gil, MasanHoewongu, Changwon-si, Gyeongsangnam-do, Republic of Korea   |  |
| Main business<br>(Category) | Public and private sector SI(System Integration) Business, Smart Factory Consulting&Construction(MES, SPC, POP), Collecting information through sensors(IOT) and linking with Legacy System, Big Data Analysis  |  |
| Products                    | LERP Solution and Supply chain     Management Solution  |  |
|                             | MES/POP Solution : G-MES, G-POP, SPC  |  |
|                             | Communication Enhancement Solution :     Groupware, portal  |  |
|                             | Safety Management Solution : I-Nuri,<br>Emergency Care Solution   |  |
| MES Architecto              | Coperation Manager  Coperation Manager  Manager |  |

## **GE AVIATION KOREA**

| Contact Person                         | Sungkwon Lee   | CE Aviation               |
|--|--|---------------------------|
| Tel                                    | +82-2-6201-4563  | GE Aviation               |
| E-mail                                 | sungkwon.lee@ge.cor  | n                         |
| Website                                | www.geaviation.com   |                           |
| Address                                | 25F, GFC, 152, Teheran-ro, Gangnam-gu, Seoul,<br>Republic of Korea                     |                           |
| Main business<br>(Category)            | Jet Engines, Components and Integrated Systems<br>for Commercial and Military Aircraft |                           |
| Products                               | • Commercial : CF34, CF6, CFM LEAP, CFM56,<br>CT7, GE90, GE9X, GEnx                    |                           |
|  | • Military : F108, F110, T700, T901, XA100   | F138, F404, F414, T408,   |
|  | Regional&Business : Catalyst, CT7, H Series,<br>HF120, Passport                        |                           |
| • Marine : LM500, LM2500, LM2500+, LM6 |  | 500, LM2500+, LM6000, etc |





F404

GEnx

#### **GENOHCO INC.**

| Contact Person              | Minseok Kim  | Bryand the Limit |
|-----------------------------|--|------------------|
| Tel                         | +82-31-428-6185  | GENOHCO          |
| E-mail                      | mskim@genohco.com  | 1                |
| Website                     | www.genohco.com  |                  |
| Address                     | 5~6F Neontech Bldg, 146, Burim-ro, Dongan-gu,<br>Anyang-si, Republic of Korea    |                  |
| Main business<br>(Category) | Satellite Communication, Aerospace/Avionics,<br>Offset Business, Unmanned System |                  |
| Products                    | Inter-Communication System Development and production                            |                  |

- Distribution Amplifier Design development mass production
- Interference Blanking Unit Development and production
- · Development and production of next-generation mediumsized satellite electro-optical payload X-band transmitter
- Unmanned Aerial Vehicle Intergrated Mission Computer Development and production
- · Design/manufacture of automatic test equipment for aerospace electronic products







CAS500 XTX(X-band Transmitter)

Inter-Communication System

## **GV ENGINEERING CO., LTD.**

| Contact Person              | Junghyun Park  |   |
|-----------------------------|--|---|
| Tel                         | +82-55-855-5414  | GVENGINEERING                                 |
| E-mail                      | jh.park@gv-engineeri   | ng.com  |
| Website                     | www.gv-engineering.com   |   |
| Address                     | 1316, Seosam-ro, Chul<br>Gyeongsangnam-do, F                       | kdong-myeon, Sacheon-si,<br>Republic of Korea |
| Main business<br>(Category) | Aerospace Manufacturing/<br>Aircraft parts/Space                   |   |
| Products                    | Processing of Metal Parts and<br>Composite(B787, B767, B777, T-50) |   |
|                             | Manufacture of Too<br>KF-21, etc)                                  | l and jigs(Boeing, Airbus,                    |
|                             | Thermal protection   | parts for aircraft(KUH)                       |
|                             | KARI KSLV Program(Insulation)                                      |   |

· Aviation Logistics Program

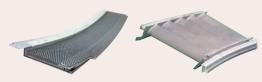




Composite

## HANA I.T.M INC.

| Contact Person              | Bruce Lee   | ( HANA LT MINC  |
|-----------------------------|---|-----------------|
| Tel                         | +82-55-338-4359   | MANA I.T.M INC. |
| E-mail                      | bruce.lee@hanaitm.c   | om              |
| Website                     | www.hanaitm.com   |                 |
| Address                     | 12-8, Golden root-ro 129beon-gil, Juchon-myeon,<br>Gimhae-si, Gyeongsangnam-do, Republic of Korea |                 |
| Main business<br>(Category) | Gas Turbine Engine Parts Manufactruing  |                 |
| Products                    | • LPT Vane/Nozzle   |                 |
|                             | Honeycomb Seals&Shrouds   |                 |
|                             | LPT Seal Segments   |                 |
|                             |   |                 |



Honeycomb seals

• Liners

LPT Vanes

## HANKUK CARBON CO., LTD.

| Contact Person              | Jinwook Chung H   | ANKUK          |
|-----------------------------|---|----------------|
| Tel                         | +82-10-4931-6821 <b>C</b>   | ARBON          |
| E-mail                      | jwchung@hcarbon.com   |                |
| Website                     | www.hcarbon.com   |                |
| Address                     | 85, Chunhwa-ro, Bubuk-myeon, Miry<br>Gyeongsangnam-do, Republic of Ko |                |
| Main business<br>(Category) | Aerospace Composite Materials,<br>Aircraft Parts, UAV                 |                |
| Products                    | Carbon Prepreg  |                |
|                             | • Glass Prepreg   |                |
|                             | • Insulation Foam   |                |
|                             | Composite Parts for Aircraft/Auton                                    | notive/Railcar |
|                             | UAV Integration   |                |



**Composite Parts** 

KVUAV

## HANKUK FIBER CO., LTD.

| Contact Person              | S.I. Kwon   | ALD HANKIN FIRED |
|-----------------------------|---|------------------|
| Tel                         | +82-55-359-2551   | HANKUK FIBER     |
| E-mail                      | ksi@hfiber.com  |                  |
| Website                     | www.hfiber.com  |                  |
| Address                     | 719-33, Sangnam-ro, Sangnam-myeon, Miryang-si,<br>Gyeongsangnam-do, Republic of Korea |                  |
| Main business<br>(Category) | Composite Parts   |                  |
| Draduata                    | • LIAV/ Structural Parts Assambly   |                  |

- **Products**
- UAV Structural Part&Assembly
- · Satellite Launch Vehicle Composite Part& Assembly
- B747/757/767/777 Nose Cone/Airbus A320 Flevator
- Air Inlet Duct/Engine Cowling/Fuel Vent Duct
- · Aircraft Radomes



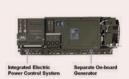


KSLV-II(NURI)

## HANSUNG S&I CO., LTD.

| Contact Person              | Junghwi Kim   | TA HANSUNG SAI                         |
|-----------------------------|---|--|
| Tel                         | +82-55-286-1061   | HARSUNG SYSTEM & INTEGRATION Co., Ltd. |
| E-mail                      | hwi999@hansungsni.d   | com                                    |
| Website                     | www.hansungsni.com  |  |
| Address                     | Intelligent Home Division 2-dong, 21, Bongambuk<br>7-gil, Masanhoewon-gu, Changwon-si,<br>Gyeongsangnam-do, Republic of Korea |  |
| Main business<br>(Category) | Generator/ILS(Integrated Logistics Support)/<br>SW development  |  |
| Products                    | Generator/power control   |  |
|                             | ILS(Integrated Logistics Support)   |  |
|                             | SW development, AR/VR, AI   |  |

· Helicopter(4 Seats)



Power System

Contact Person Jihyean Kim

FCC



Helicopter(4-seats)

WCS

## **HUCENTECH CO., LTD.**

| Contact Person              | Jaekuk Lim  | → HUC≣NTECH               |
|-----------------------------|---|---------------------------|
| Tel                         | +82-70-7844-9650  | Human Centered Technology |
| E-mail                      | jklim@hucentech.com   | 1                         |
| Website                     | www.hucentech.com   |                           |
| Address                     | 410, 268, Hagui-ro, Dongan-gu, Anyang-si,<br>Gyeonggi-do, Republic of Korea |                           |
| Main business<br>(Category) | Guided Control/Avionics/Tactical Communication/<br>Industrial Computer      |                           |
| Products                    | Guidance And Control System&Navigation<br>Computer                          |                           |
|                             | Multi-Function Display, Control Display Unit,                               |                           |

- Mission Computer for Aircraft
- · Flight Control Computer for UAV, OPPAV and
- Tactical IP Switch on TICN
- · TOM-818: ARINC-818 Multi-Channel Converter





## **HUNEED TECHNOLOGIES CO., LTD.**

|                             | . ,  | Huneed Technologies 💥 |
|-----------------------------|--|-----------------------|
| Tel                         | +82-32-457-6143  | nuneed recimologies # |
| E-mail                      | jihyeankim@huneed.com  |                       |
| Website                     | www.huneed.com   |                       |
| Address                     | 87, Venture-ro, Yeonsu-gu, Incheon, Republic of<br>Korea   |                       |
| Main business<br>(Category) | Tactical Communication, Command&Control,<br>Airborne System, Ground System, MRO  |                       |
| Products                    | High Capacity Trunk Radio System(HCTRS), F Speed Wireless Transmission Equipment(Acc TR2/3), Tactical HND Held Radio(Acom-H2R Microwave  Shipborne Weapon Control System(Rena-WC)  Airborne Flight Control Computer, Missile Warning Receiver, Master Warning Panel, Caution Warning Panel, Electrical Panel, Wire harness |                       |
|                             |  |                       |
|                             |  |                       |
|                             |  |                       |

Microwave

## HWASEUNG MATERIAL CO., LTD.

| Contact Person              | Sooyeon Kim  |                  |
|-----------------------------|--|------------------|
| Tel                         | +82-51-745-7022  | 화용소재<br>HWASEUNG |
| E-mail                      | kimssoo77@hsrna.co   | m                |
| Website                     | www.hscmb.co.kr  |                  |
| Address                     | 11, Yusangongdan 2-gil, Yangsan-si,<br>Gyeongsangnam-do, Republic of Korea |                  |
| Main business<br>(Category) | Feul Tank, Rubber Meterial, Fluid System                                   |                  |
| Producto                    | FILEL TANK : Crashworthy/Solf Scaling                                      |                  |

#### **Products**

- FUEL TANK: Crashworthy/Self Sealing
- RUBBER MATERIAL: Variety CMB/FMB/TPE
- FLUID SYSTEM(Hose)
- High pressure : brake hose/air conditioning hose/power steering hose
- Low pressure : fuel system/water system/oil system
- SEALING SYSTEM(Weather Strip): Glass run/ door side/body side/fixed glass molding
- · OTHER RUBBER PART







## **HYUNDAI MOBIS CO., LTD.**

| Contact Person              | Yongkyu Lee   | нүппры       |
|-----------------------------|---|--------------|
| Tel                         | +82-2-2198-5010   | <b>MOBIS</b> |
| E-mail                      | yongkyu@mobis.co.kr   |              |
| Website                     | www.mobis.co.kr   |              |
| Address                     | 203, Teheran-ro, Gangnam-gu, Seoul, Republic o<br>Korea   |              |
| Main business<br>(Category) | System Solutions, Module Manufacturing,<br>Services and Parts   |              |
| Products                    | System Solutions : Autonomous Driving, IVI<br>Systems, Electrification, Braking, Steering,<br>Lamps, Safety, Suspension |              |
|                             | Module Manufacturing : Chassis Modules,<br>Cockpit Modules, FEM/Bumpers   |              |
|                             | Services and Parts  |              |





IVI Systems

Chassis Module

## INTELLIAN TECHNOLOGIES INC.

| Contact Person              | Sungpil Jeong   | Intellian |
|-----------------------------|---|-----------|
| Tel                         | +82-2-511-2244  | mteman    |
| E-mail                      | sp.jung@intelliantech.com   |           |
| Website                     | www.intelliantech.com   |           |
| Address                     | 18-7, Jinwisandan-ro, Jinwi-myeon, Pyeongtaek-si,<br>Gyeonggi-do, Republic of Korea |           |
| Main business<br>(Category) | Satellite Antennas and Terminals  |           |
| Products                    | GX100NX : World's First Global High-Speed<br>Broadband Network VSAT Antenna         |           |

· v100NX: The New Standard for Maritime VSAT



Antenna



**JEIL HTC** 

| Contact Person              | Sangjun Won   | TETI LIFE                               |
|-----------------------------|---|---|
| Tel                         | +82-31-8077-2235  | JEIL HAC                                |
| E-mail                      | gyulman@jeilheat.co.k   | T                                       |
| Website                     | blog.naver.com/jeilhtc  |   |
| Address                     | 188, Naehyang-ro, Jeo<br>si, Gyeonggi-do, Repul   | ongnam-myeon, Hwaseong<br>olic of Korea |
| Main business<br>(Category) | Heat Treatment of aero<br>parts   | ospace&defense metal                    |
| Products                    | <ul><li>Turbine blade heat treating</li><li>Titanium 3d printing parts heat treating</li><li>Nickel super alloy parts heat treating</li></ul> |   |
|                             |   |   |
|                             |   |   |
|                             | Aluminium parts hea   | t treating                              |
|                             | Vacuum heat treating  | g, Nitriding                            |





## JNS CO., LTD.

| Contact Person              | Hyunki Hong  |     |
|-----------------------------|--|-----|
| Tel                         | +82-31-627-2363  | ZNL |
| E-mail                      | hkhong@jns.co.kr   |     |
| Website                     | www.jns.co.kr  |     |
| Address                     | #1006, U-TOWER,120 Heungdeokjungang-ro, Giheung-gu,<br>Yongin-si, Gyeonggi-do, Republic of Korea |     |
| Main business<br>(Category) | Power Electronics, Drives, Systems   |     |
| Droduoto                    | Power Supply Congretor Controller Fleetrenie   |     |

#### **Products**

- Power Supply, Generator Controller, Electronic Control Unit, Charger, Inverter&UPS, Rectifier
- · Drive system, Drive controller, Signal processing board, Electronic control board
- Power control system, Wired/wireless communication system, Electronic system, Embedded system, Drive control system, Lighting control system





## JOIL CO., LTD.

| Contact Person              | Sungwoo Hwang                                   | JOIL CO.,LTD                                      |
|-----------------------------|---|---|
| Tel                         | +82-55-853-8840                                 | http://www.joilaero.com                           |
| E-mail                      | joilaero@joilaero.com                           |   |
| Website                     | www.joilaero.com                                |   |
| Address                     | 39, Gongdan 5-ro, San<br>Gyeongsangnam-do, F    | am-myeon, Sacheon-si,<br>Republic of Korea        |
| Main business<br>(Category) | Aerospace&Defense/A<br>Parts&Space              | ircraft Structural&Engine                         |
| Products                    | Aircraft engine parts(Hard metals)              |   |
|                             | • Main Rotor parts for                          | helicopters                                       |
|                             | • Elevator parts for cor                        | mmercial aircraft                                 |
|                             | Parts for space applie                          | cations(Launch Vehicle)                           |
|                             | Flight safety parts(FSP)                        |   |
|                             | Detail parts for Boein<br>and other major aircr | ng, Airbus, EMB, Gulfstrean<br>raft manufacturers |
|                             | M   | - set title.                                      |

### KAEMS (KOREA AVIATION ENGINEERING&MAINTENANCE SERVICE, LTD.)

| Contact Person              | Myunghae Shin   | (  |
|-----------------------------|---|--|
| Tel                         | +82-55-850-2212   | KAEMS KOREA AVIATION ENGINEERING & MAINTENANCE SERVICE, LTD. |
| E-mail                      | mhshin@kaems.com  |  |
| Website                     | www.kaems.com   |  |
| Address                     | 64, Hanggong-ro, Sacheon-eup, Sacheon-si,<br>Gyeongsangnam-do, Republic of Korea  |  |
| Main business<br>(Category) | Aviation MRO(Maintenance, Repair and Overhaul)<br>Service   |  |
| Products                    | Aircraft MRO Service such as Airframe     Maintenance, Component Repair, Modification     and Painting certified by FAA and MOLIT     Commercial Aircraft : B737, A320     - Military Aircraft : KC-100, P-3CK, KF-16, F-16,     C-130H, E-737     Rotary Wing : KUH, MUH, EC-225, LAH/LCH, |  |

AW-139, AW-159





## VENICOA AEDOCDACE CODDODATIONI

| Contact Person              | Zoe Yoon   | 1  |
|-----------------------------|--|--|
| Tel                         | +82-70-4864-2692   | KENCOA   |
| E-mail                      | Marketing@kencoa.cc  | m  |
| Website                     | www.kencoa.com   |  |
| Address                     | 152-44, Oegukgieop-ro, Sanam-myun, Sacheon-<br>si, Gyeongsangnam-do, Republic of Korea                       |  |
| Main business<br>(Category) | Machining/Assembly/P2F(Passenger to Freighter)/<br>MRO/Aerostructure/Defense/Space/Engine/AAM                |  |
| Products                    | P2F(Passenger to Freighter) Conversions : Floor Grid<br>Assembly, Door Re-skin Pannel, Frame Shell Structure |  |
|                             | Helicopter(Boeing, Airb  | etail Parts for Aircraft and<br>us, Gulfstream, etc. (Titanium,<br>iinum, etc. Up to 20 Meters |
|                             | Assembly : KT-100(Primary Trainer) Full Airfra   |  |



CH-47, CH-53, P-3, F-16)



B767/777 Structure, Helicopter Fuselage, etc. · MRO: Structure/Avionic System/Wire Harness(HH-60,

Door Skin

### KIWA KOREA LTD.

| Contact Person              | Mi-sun Lim   | LivS |
|-----------------------------|--|------|
| Tel                         | +82-2-3397-0101  | kiwa |
| E-mail                      | mslim@kiwa.kr  |      |
| Website                     | www.kiwa.com/kr/ko/  |      |
| Address                     | 411~412, SJ Technoville, 278, Beotkkot-ro,<br>Geumcheon-gu, Seoul, Republic of Korea |      |
| Main business<br>(Category) | Testing/Inspection/Certification/Training  |      |
| B 1 1                       | A00100 0 15 15   |      |

#### **Products**

- · AS9100s Certification
- · KS Q 9100 Certification
- CE mark Certification
- · Training for internal auditor
- ISO 9001/14001/27001/45001/37001/50001 Certification etc.





## KM&I CO., LTD.

| <b>Contact Person</b>       | Sungkook Jung   | KM&I  |
|-----------------------------|---|-------|
| Tel                         | +82-32-577-7781   |       |
| E-mail                      | sungkook.jung@kmni.                                     | co.kr |
| Website                     | www.kmni.co.kr  |       |
| Address                     | 614, Baekbeom-ro, Seo-gu, Incheon, Republic of<br>Korea |       |
| Main business<br>(Category) | Car Seats, Seat Parts, Aircraft Seats                   |       |
| Products                    | Car Seats   |       |
|                             | Seat Parts  |       |



· Aircraft Seats

## **KOLON DACC COMPOSITE CO., LTD.**

| Contact Person              | Kilhoon Jung  | ₩ KOLON DACC COMPOSIT |
|-----------------------------|---|-----------------------|
| Tel                         | +82-55-800-2238   | W KOLON DACC COMPOSIT |
| E-mail                      | khjung@kolon.com  |                       |
| Website                     | www.kolondacc.com   |                       |
| Address                     | 26-23, Hamansandan 1-gil, Haman-gun,<br>Gyeongsangnam-do, Republic of Korea |                       |
| Main business<br>(Category) | Aerospace and Defense Composite<br>Parts(Structural)                        |                       |
| Products                    | • T/TA/FA-50&KT(0)-1 External Fuel Tank                                     |                       |
|                             | • Engine Vane(OGV), Fan Blade   |                       |
|                             | Main Landing Gear Door  |                       |
|                             | Thermoplastic Channel and Braket  |                       |

· KGGB Wing&Body Assembly







Main Landing Gear door

## KOMACO CO., LTD.

| Contact Person              | Seongbae Ha   | NVIS Lighting Panels Solution |
|-----------------------------|---|-------------------------------|
| Tel                         | +82-31-932-0341   | <b>KOMACO</b>                 |
| E-mail                      | komaco@komaconv   | is.com                        |
| Website                     | www.komaconvis.com  |                               |
| Address                     | #1013,1014, Unitech Venture Town, 142, Ilsan-ro,<br>Ilsandong-gu, Goyang-si, Gyeonggi-do, Republic of Korea |                               |
| Main business<br>(Category) | Lighting Panel  |                               |
| Products                    | Lighting Cockpit Panels   |                               |
|                             | Metalphoto  |                               |





FA-50 Panel

**KUH Panel** 

#### KOREA AEROSPACE ASSEMBLY&MACHINING LTD.

| Contact Person              | Yongpyo Jeong   | KAM KOREA AEROSPACE     |
|-----------------------------|---|-------------------------|
| Tel                         | +82-51-832-0384   | ASSEMBLY & MACHINING LA |
| E-mail                      | ypjeong@kampm.com   |                         |
| Website                     | www.kampm.com   |                         |
| Address                     | 30, Noksansandan 382-ro 50beon-gil, Gangseo-gu,<br>Busan, Republic of Korea |                         |
| Main business<br>(Category) | Sub Assembly, Machined Parts  |                         |
| Products                    | Sub Assembly: 747-8 RWT/WTE Sub   |                         |

- · Machined Parts
  - -B737 FSF/B747 FTF/B777 FSF, RWT Machined Parts

Assembly

- -B787 AWWB, NWW, RWT, FSF, AFT Body Machined Parts
- -A320 Sharklet/A350 Cargo Door Machined Parts





RWT/WTE Sub Assembly

Machined Parts

### KOREA COMPOSITES INC.

| Contact Person              | Jiuk Lee  | 1           |
|-----------------------------|---|-------------|
| Tel                         | +82-55-850-2700   | <b>ØKCI</b> |
| E-mail                      | kci@kci.so  |             |
| Website                     | www.kci.so  |             |
| Address                     | 1317-21, Seosam-ro, Chukdong-myeon, Sacheon-<br>si, Gyeongsangnam-do, Republic of Korea |             |
| Main business<br>(Category) | Aerospace, Military & Industrial Composite Parts (Structural, Interior)                 |             |
| Products                    | • B787 PBH  |             |

- A350 NLGB
- P-8A RWT
- P-8A HS
- B787 FTE Door
- · A-10 OWP/CWP
- KGGB Skin
- T-50 Nose Cone
- A350 Business Class Back Shell









## KOREA NON-FERROUS METALS CO., LTD.

| Contact Person              | Joonyoung (Kelly) Ahn  | (KNF)(쥐)한국비철                       |
|-----------------------------|--|------------------------------------|
| Tel                         | +82-2-333-4363   | KOREA NON-FERROUS METALS CO., LTD. |
| E-mail                      | jyahn@hanbee.com   |                                    |
| Website                     | www.hanbee.com   |                                    |
| Address                     | 59-43, Gongdan 1-ro, Sanam-myeon, Sacheon-si,<br>Gyeongsangnam-do, Republic of Korea   |                                    |
| Main business<br>(Category) | Aerospace Material & Service(Aluminum Distributor)  · Aluminum Stockholding  · JIT Service(Metal Processing)  · Quality Management |                                    |
| Products                    | High Qualified Aluminum Alloy Plates/Aluminum  |                                    |





(A2xxx, 3xxx, 4xxx, 5xxx, 6xxx, 7xxx series and





Extrusion

## KOREA JIG&FIXTURE IND CO., LTD.

| Contact Person              | Jason Park  | KJE        |
|-----------------------------|---|------------|
| Tel                         | +82-51-913-9236   | 한국치공구공업(주) |
| E-mail                      | jason@kjfaero.com   |            |
| Website                     | www.kjfaero.com   |            |
| Address                     | 14, Noksansandan 261-ro 59beon-gil, Ganseo-gu,<br>Busan, Republic of Korea  |            |
| Main business<br>(Category) | Aerospace Tooling/Aircraft Machining& Structural Parts/Space                |            |
| Products                    | Various type and tooling(assembly jigs,<br>moving lines, layup tools, etc.) |            |
|                             | MGSE(Mechanical Ground Support Equipment)                                   |            |
|                             | Hard metal machining for both military and<br>commerical aircraft parts     |            |
|                             | A320 Sharklet assem   | nbly       |
|                             |   |            |





MGSE

Tooling

## KOREA SURFACE TREATMENT CO., LTD.

| <b>Contact Person</b>       | Miyeong Yoon  | <b>レデオ・スポロシコ(本)</b>                     |
|-----------------------------|---|---|
| Tel                         | +82-55-850-2520   | KST한국표면처리(주)                            |
| E-mail                      | 0ddang0@naver.com   |   |
| Website                     | www.thekst.com  |   |
| Address                     | 160, Jongposandan-ro, Yonghyeon-myeon,<br>Sacheon-si, Gyeongsangnam-do, Republic of Korea |   |
| Main business<br>(Category) | Surface Treatment   |   |
| Products                    | Chemical Process:   | Anodizing, Chemical<br>Conversion Coat, |

• Painting: Spray Booth, Curing Oven





Chemical Milling, Fluorescent Penetrant Inspection

### **KOREA TESTING**

| Contact Person              | Mikyung Oh  | KOREA TESTING |
|-----------------------------|---|---------------|
| Tel                         | +82-42-939-3215   | KUNEA TESTING |
| E-mail                      | koreatesting111@ha  | nmail.net     |
| Website                     | www.koreatesting.co.kr  |               |
| Address                     | 119, Techno 2-ro, Yuseong-gu, Daejeon,<br>Republic of Korea   |               |
| Main business<br>(Category) | Customized Test Equipment&Simulator   |               |
| Products                    | R&D Test Equipment, Compliance Test<br>Equipment, Quality Control Test Equipment for<br>mass production |               |





## KP AERO INDUSTRIES CO., LTD.

| Contact Person              | Seunguk Yoon  | 케이피항공산입(주)                   |
|-----------------------------|---|------------------------------|
| Tel                         | +82-55-342-5746   | KP AERO INDUSTRIES CO., LTD. |
| E-mail                      | ysw@airkpc.com  |                              |
| Website                     | airkpc.com  |                              |
| Address                     | 12, Techno valley-ro, Jillye-myeon, Gimhae-si,<br>Gyeongsangnam-do, Republic of Korea |                              |
| Main business<br>(Category) | Machined Part, Assembly, Tooling, Jig&Fixture   |                              |
| Products                    | LCH Testing Tool, A320 Wing Bottom Panel MAJ, A350 NLG-                               |                              |

- LCH Testing Tool, A320 Wing Bottom Panel MAJ, A350 NLG-Door Assembly Fixture, A320 Sharklet Upper Skin Route Fixture, B787 Spar Lay-Up Mandrel, A320 Elevator Trimming Tool
- B787 FTE SPLR-Beam, B777x Wing-Rib, B777 Air Load Rib, A350 NLGB Hom L/HR/H, A350 NLGB Frame L/HR/H, B777 FLE Closure-Rib, B787 FTE Rib, B787 FTE Bracket, B787 FTE Hanger Link, B787 FTE Support
- B737 FSF Assembly, B737 Radome Final Assembly, B777 FSF Assembly, B777 FSF FWD Assembly, A320 Sharklet Assembly







B787 FTE SPLR-Beam LCH Testing Tool

## KSEP CO., LTD.

| Contact Person              | Junseok Lee  | IA I MOED   |
|-----------------------------|--|---|
| Tel                         | +82-55-351-0343  | <b>ISSEP</b>  |
| E-mail                      | ksep@ksp-tube.co.kr  | ı   |
| Website                     | www.ksep.co.kr   |   |
| Address                     | 75, Mijeonnonggongdanji-gil, Samnangjin-eup,<br>Miryang-si, Gyeongsangnam-do, Republic of Korea  |   |
| Main business<br>(Category) | Motor, Inverter  |   |
| Products                    | Hight efficiency eco-friendly electric Motors: Axial/<br>Radial type, Outer/Inner type that satisfy the custor<br>requirements of motor power and suitable for the<br>usage environment(1kW~150kW) |   |
|                             | 2 1  | vitching of electrical power,<br>e and achieve high voltage |







utilization by using SVPWM method(30kW~150kW)











## LACO CO., LTD.

| Contact Person              | Jamok Koo  | LACO                 |
|-----------------------------|--|----------------------|
| Tel                         | +82-55-830-7710  | Leading Aero Company |
| E-mail                      | jamkoo@leadingaero.net   |                      |
| Website                     | www.leadingaero.com  |                      |
| Address                     | 371, Haeansaneop-ro, Sanam-myeon, Sacheon-si,<br>Gyeongsangnam-do, Republic of Korea |                      |
| Main business<br>(Category) | Aircraft Components(Engine Parts, Machining<br>Parts, Assembly, Forming Parts)       |                      |
| Products                    | • 5 Axis Machining Parts,<br>Sheet Metal Forming Parts and<br>Sub-assembly Parts     |                      |



## LAKWOO INDUSTRY CO., LTD.

| Contact Person              | Yongmin Lee  | TIII LAKWOO        |  |
|-----------------------------|--|--------------------|--|
| Tel                         | +82-55-972-9922  | INDUSTRY CO., LTD. |  |
| E-mail                      | cera7@lakwoo.co.kr   |                    |  |
| Website                     | www.lakwoo.co.kr   | www.lakwoo.co.kr   |  |
| Address                     | 116-54, Sansu-ro, Sancheong-eup, Sancheong-<br>gun, Gyeongsangnam-do, Republic of Korea      |                    |  |
| Main business<br>(Category) | Aircraft Jig&Fixture, Precision Parts  |                    |  |
| Products                    | Aircraft Jig&Fixture/Parts     BNFM, DRJI, DRFX, PLMO, PDDY, PRAD, RTFX     Chemical Milling |                    |  |
|                             |  |                    |  |
|                             | • 3D Printing : Bracket,   | Turbine Blade,     |  |



Engine Parts



BNFM DRJI, DRFX

## LRQA KOREA LTD.

| Contact Person              | Hotae Yuk   | IDOA  |
|-----------------------------|---|-------|
| Tel                         | +82-2-7317-7517   | LRQ/\ |
| E-mail                      | ho-tae.yuk@lr.org   |       |
| Website                     | www.lr.org/ko-kr  |       |
| Address                     | 17F, 67, Yeouinaru-ro, Yeongdeungpo-gu, Seoul,<br>Republic of Korea     |       |
| Main business<br>(Category) | Certification, Inspection, Assurance, Training,<br>Digital and Software |       |
| Products                    | • AS 9100 Series  |       |
|                             | • IATE 16949  |       |

## **MICROINFINITY**

| Contact Person              | Hyunsik Bae   | $\sim$              |
|-----------------------------|---|---------------------|
| Tel                         | +82-31-546-7412   | MICROINFINITY       |
| E-mail                      | paul@minfinity.com  |                     |
| Website                     | www.minfinity.com   |                     |
| Address                     | 8F, KANC, 109 Gwanggyo-ro, Yeongtong-gu,<br>Suwon-si, Gyeonggi-do, Republic of Korea  |                     |
| Main business<br>(Category) | Navigation System(including MEMS Inertial Sensors, GNSS, GNSS/INS Integrated System, and Other Sensors)/Advanced Anti-Jamming Solutions/Data Link/Power Solutions |                     |
| Products                    | MEMS-based Inertial Sensors:     Gyroscope, Accelerometer, IMU     Anti-jamming Device/Multi-GNSS Receiver     GNSS/INS Integrated Navigation System: EGI         |                     |
|                             |   |                     |
|                             |   |                     |
|                             | Attitude Heading Ref  | erence System(AHRS) |





• Data Link&Telemetry



Anti-jamming Device (built-in array antenna)

## MIRAE AEROSPACE CO., LTD.

| Contact Person              | Insu Park   | MIRAE     |
|-----------------------------|---|-----------|
| Tel                         | +82-55-853-7475   | AEROSPACE |
| E-mail                      | mirae@miraeaero.co.kr   |           |
| Website                     | www.miraeaero.com   |           |
| Address                     | 33, Gongdan 5-ro, Sanam-myeon, Sacheon-si,<br>Gyeongsangnam-do, Republic of Korea |           |
| Main business<br>(Category) | Assembly, Machining Parts   |           |
| Products                    | • A320/321 Wing Bottom Panel Assembly   |           |

- A-10 Outer Wing Panel/Center Wing Panel Assembly
- B737/P-8A(HS,VF) Sub Assembly
- KUH Sub, KT-1 Fuselage Assembly
- 5 Axis Machining Parts(A350, B737, KUH, KF-21)





A320 Wing Bottom Panel

## NDT ENGINEERING & AEROSPACE CO., LTD.

| Contact Person              | H.J. Lim   | ADT NOT ENGINEERING & AEROSPACE |
|-----------------------------|--|---------------------------------|
| Tel                         | +82-55-264-9200  | NOT ENGINEERING & AEROSPACE     |
| E-mail                      | limhj2@ndteng.co.kr  |                                 |
| Website                     | www.ndteng.co.kr   |                                 |
| Address                     | 11, Jayumuyeok 4-gil, Masanhoewon-gu, Changwon-<br>si, Gyeongsangnam-do, Republic of Korea |                                 |
| Main business<br>(Category) | Aviation Parts Machining, Aviation Parts Assembly  |                                 |
| Products                    | • B787 Body FR13-Side Frame,<br>B787 RWT Closure Rib                                       |                                 |
|                             | • 747-8 WTE Upper Fit<br>747-8 RWT Support<br>747-8 FTF AFT Bulkh<br>747-8 FTF Part        | Rib,                            |

• EMB 170/190 RIB1 Machined/FLE, EMB 170/190 Skin-Bottom





Cargo Door & Body

Side Panel Assembly

## **NES&TEC CO., LTD.**

SWID

| Contact Person              | Yeonju Baek  | NESSTEC  |
|-----------------------------|--|--|
| Tel                         | +82-42-932-8086  | MARKET EAST SOLUTIONS TECHNOLOGY   |
| E-mail                      | nes@nesnt.com  |  |
| Website                     | www.nesnt.com  |  |
| Address                     | Techno 11-ro 32, Yuseong-gu, Daejeon, Republic of korea  |  |
| Main business<br>(Category) | Unmanned Aerial System   |  |
| Products                    | and responding to d  | urpose of monitoring<br>lisasters and safety of<br>ropriate for monitoring |
|                             | Scope of application     Monitoring major far     Disaster site surveill     Acquiring spatial information relations and mapping     Long-term mission | ance<br>ormation<br>By   |
|                             |  |  |

SWID-Tether

## **NEUROS CO., LTD.**

| Contact Person              | Sungmin Ahn  | 泰  長壁人 |
|-----------------------------|--|--------|
| Tel                         | +82-42-865-7377  | Neuros |
| E-mail                      | asmin@neuros.co.kr   |        |
| Website                     | www.neuros.co.kr   |        |
| Address                     | 274, Techno 2-ro, Yuseong-gu, Daejeon,<br>Republic of Korea                  |        |
| Main business<br>(Category) | Aerospace Turbo Machinery  |        |
| Products                    | ACM(Air Cycle Machine),     Cryogenic blower,     Gas Turbine Engine for UAV |        |

• Turbo blower and turbo compressor





Gas Turbine Engine for UAV

## **NEXCOMS CO., LTD.**

| Contact Person              | H.J. Hwang   | [ 주] 넥스컴스        |
|-----------------------------|--|------------------|
| Tel                         | +82-42-936-8866  | nexcoms co.,ltd. |
| E-mail                      | hjh@nexcoms.com  |                  |
| Website                     | www.nexcoms.com  |                  |
| Address                     | 309-26, Techno 2-ro, Yuseong-gu, Daejeon,<br>Republic of Korea |                  |
| Main business<br>(Category) | Composites & Systems Application                               |                  |
| Products                    | OPV(Ontionally Piloted Vehicle)                                |                  |

Hydrogen Fuel Cell UAV, Exhaust Nozzle, Blade, Bearing-less Hub, Electrical HALE(High Altitude Long Endurance) UAV, CFRP Ring Frame,

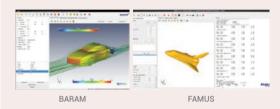


Subfloor

Drone with PEMFC

### **NEXTFOAM INC.**

| Contact Person              | Gwangho Oh  | NEXT foam                  |  |
|-----------------------------|---|----------------------------|--|
| Tel                         | +82-70-8796-3019  | open source CFD consulting |  |
| E-mail                      | gwangeo@nextfoam.co.kr  |                            |  |
| Website                     | www.nextfoam.co.kr  |                            |  |
| Address                     | A-1106, 32, Digital-ro 9-gil, Geumcheon-gu, Seoul,<br>Republic of Korea |                            |  |
| Main business<br>(Category) | Computational Fluid Dynamics(CFD) Software                              |                            |  |
| Products                    | BARAM: Open source CFD package based on<br>OpenFOAM                     |                            |  |
|                             | • FAMUS : Fully Automated MUlti-physics Simulato                        |                            |  |
|                             | ESPER : CFD package   | e for ship hydrodynamics   |  |



based on OpenFOAM

## **PSION DSP CORPORATION**

| Contact Person              | Changhan Yu   |  |
|-----------------------------|---|--|
| Tel                         | +82-42-863-1171~3   |  |
| E-mail                      | yu@psiondsp.com, sales@psiondsp.com                       |  |
| Website                     | www.psiondsp.com  |  |
| Address                     | 75, Jugdong-ro, Yuseong-gu, Daejeon,<br>Republic of Korea |  |
| Main business<br>(Category) | Avionic DHA&MFD/Naval&Land Display/<br>Panel PC/NVIS LED  |  |
| Products                    | • 20"x8" Large Area DHA<br>• 3ATI, 4ATI, 8x6, 5x7 DHA     |  |
|                             |   |  |
|                             | • Panel PC  |  |
|                             | UAV GCS Monitor   |  |
|                             |   |  |

· NVIS Green A LED





RSAQ241MV

LAD2008DHA

QNION CO., LTD.

| Contact Person              | Changhee Han   | Onion                  |
|-----------------------------|--|------------------------|
| Tel                         | +82-70-5105-1331   | The Millennium Company |
| E-mail                      | chehan@qnion.com   |                        |
| Website                     | www.qnion.com  |                        |
| Address                     | 165, Jukdong-ro, Yuseong-gu, Daejeon,<br>Republic of Korea |                        |
| Main business<br>(Category) | Avionics/Space   |                        |
| Products                    | Navigation Computer/Stores Management<br>Computer          |                        |
|                             | Avionics Panels  |                        |
|                             | Single Board Computer                                      |                        |
|                             | Snace Grade RF Cor   | nnonent/Assembly       |



**Navigation Computer** 

RF Distribution Unit

### RH FOCUS CORP.

| Contact Person              | Junhwan Kim  |                      |
|-----------------------------|--|----------------------|
| Tel                         | +82-43-712-5015  | RHF                  |
| E-mail                      | lugbi96@rhfocus.com  |                      |
| Website                     | www.rhfocus.com  |                      |
| Address                     | 980, Ochang-daero, Naesu-eup, Cheongwon-gu,<br>Cheongju-si, Chungcheongbuk-do, Republic of Korea |                      |
| Main business<br>(Category) | Aircraft MRO   |                      |
| Products                    | New helicopter asser   | mbly and A/S support |

- Bench-test/integration of optional equipment
- · Schedule maintenance/IRW
- Repair and Modification
- ILS, Technical Support(Domestic/Overseas)





## **S&K AEROSPACE CO., LTD.**

| Contact Person              | Jeongman Cho  | SCK 에스앤케이항공주        |
|-----------------------------|---|---------------------|
| Tel                         | +82-70-8892-1378  | AEROSPACE CO., LTD. |
| E-mail                      | snkaero007@snkaero.   | co.kr               |
| Website                     | www.snkaero.co.kr   |                     |
| Address                     | 107, Gongdan 1-ro, Sanam-myeon, Sacheon-si,<br>Gyeongsangnam-do, Republic of Korea        |                     |
| Main business<br>(Category) | Assembly and Detail Parts Fabrication including<br>Special Process for Aircraft Component |                     |
| Products                    | A319/320 Wing Top Panel Assembly  |                     |
|                             | A320/321 WBP Reinforcing Plate &<br>Under-Carriage  |                     |
|                             | G300 FMC Assembly   |                     |
|                             | • TA-50 Sub Assembly  | /                   |

Satellite&Launch Vehicle Structures





Wing Top Panel Assembly

## **SAMYANG COMTECH CO., LTD.**

|                             |  | •                           |
|-----------------------------|--|-----------------------------|
| Contact Person              | Sanghee Ha   | For Technology of Composite |
| Tel                         | +82-2-3488-5576  | Samyang Comtech             |
| E-mail                      | sanghee.ha@samyangct.com   |                             |
| Website                     | www.samyangct.com  |                             |
| Address                     | Park Bldg., 16 Banpodaero 27-gil, Seocho-gu,<br>Seoul, Republic of Korea                             |                             |
| Main business<br>(Category) | Airframe, Aircraft Flexible Fuel Tank,<br>Armor Plate  |                             |
| Products                    | Flexible Fuel Tank     (LAH, F-5 Fighter, MD500 Helicopter)     Interior/Sound Proof Panel(KUH, LAH) |                             |
|                             |  |                             |
|                             | Armor Plate(KUH, LAH).   |                             |

- Armor Seat Bucket(LAH)

   MD500 Engine Duct
- Add-on Armor(Combat Tank, Vehicles)





Flexible Fuel Tank(LAH)

## SATREC INITIATIVE CO., LTD.

| Contact Person  | Ee-eul Kim   |                                 |
|---|--|---------------------------------|
| Tel   | +82-42-330-6878  | SI SATREC INITIATIVE            |
| E-mail  | eek@satreci.com  |                                 |
| Website   | www.satreci.com  |                                 |
| Address   | 441, Expo-ro, Yuseong-gu, Daejeon, Republic of<br>Korea  |                                 |
| Main business<br>(Category)   | Satellite Systems, Electro-Optical Payloads,<br>Ground Systems, Defense Products                                 |                                 |
| Products  | Satellite Systems     SpaceEye-T, SpaceEye-X, SpaceEye-M,     SpaceEye-R      EOS     EOS-T, EOS-X, EOS-D, EOS-W |                                 |
|   |  |                                 |
| <ul> <li>Ground Systems</li> <li>MCS(Mission Control System)</li> <li>IRPS(Image Receiving&amp;Processing Symbols</li> <li>Mobile Ground Station</li> <li>SMUDI Secure Satellite Image Platfor</li> </ul> |  | ving&Processing System)<br>tion |
|   | Space Components   |                                 |



## SEOUL STANDARD CO., LTD.

|  | i   |
|--|---|
| Seung-ha Baek  | SID SEOUL STANDARD CO.,LTD.   |
| +82-70-4648-5500   | STO SECOL STANDARD CO.,ETD.   |
| dhkim@sstd.co.kr   |   |
| www.sstandard.co.kr  |   |
| 3F, Ace High-End Tower 9th, 233, Gasan digital 1-ro,<br>Geumcheon-gu, Seoul, Republic of Korea |   |
| Avionics, Rugged Panel PC&Display, SBC   |   |
|  | +82-70-4648-5500<br>dhkim@sstd.co.kr<br>www.sstandard.co.kr<br>3F, Ace High-End Tower<br>Geumcheon-gu, Seoul, |

#### **Products**

- Avionics(KF-21 MFD Display Head Assembly, ACCS(CM, MBA, RPA, NVIS Panel), LAH SCDU&SMFD(Front Panel Assembly), F-15 AMSCP, T-50/FA-50 ICS&SMFD(Front Panel Assembly, Main Components), RF-16 Monitor, Head-Up Display
- Rugged Panel PC&Display(KVMF Command System Tactical, K1A2/K1E1 BMS-II, KSS-III Display Processing Device, K9/ K55/K105 Display Control Unit, RCWS Processing Device, Display and Control)
- SBC(3U VPX Single Board Computer, Compatible with the SOSA standard)





3U VPX Single Board Computer

RF-16 Monitor, Head-Up Display

## SEWOO AEROSPACE CO., LTD.

| Contact Person              | Seokhan Kong   |   |
|-----------------------------|--|---|
| Tel                         | +82-10-9316-0080   | SEWOO   |
| E-mail                      | seokhan@sewoo.biz  |   |
| Website                     | www.sewoo.biz  |   |
| Address                     | 23-17, Gongdan 1-ro, S<br>Gyeongsangnam-do, F  | Sanam-myeon, Sacheon-si,<br>Republic of Korea |
| Main business<br>(Category) | Tube Assemblies(with or without welding) for<br>Hydraulic Systems and Environmental Control System |   |
|                             |  |   |

#### **Products**

- Tube Assmblies
- · Weld Assemblies
- Thermally Insulated Ducts
- High Pressure Pipe Line, CC Line



## SHARP TECHNICS K CO., LTD.

| Contact Person              | Harry Park  | Share     |
|-----------------------------|---|-----------|
| Tel                         | +82-32-742-6766   | Tremoce a |
| E-mail                      | okpark@sharptechnics  | s.co.kr   |
| Website                     | www.sharp.co.kr   |           |
| Address                     | SharpTechnicsK Hangar, 272, Gonghang-ro,<br>Jung-gu, Incheon, Republic of Korea |           |
| Main business<br>(Category) | Aircraft Maintenance, Repair and Overhaul(MRO)<br>Service                       |           |
| Products                    | Line/Base Maintenan   | ce        |
|                             | NA 100 10 100   |           |

- · Modification and Upgrades
- · Cabin Interior Modifications
- Component Repair and Overhaul Services
- A/C Part Management
- AOG Services 24/7



## SHINBO CO., LTD.

| Contact Person              | J.H. KIM   | SHINBO  |
|-----------------------------|--|---|
| Tel                         | +82-31-468-2448                                      | SHINBO  |
| E-mail                      | jheekim20@shinbo.kr                                  |   |
| Website                     | www.shinbo.kr  |   |
| Address                     | 29, Deokcheon-ro 48be<br>Gyeonggi-do, Republic       | on-gil, Manan-gu, Anyang-si,<br>of Korea                |
| Main business<br>(Category) | Power, Electronics, Co<br>Embedded H/W, S/W,         |   |
| Products                    |  | PS, Power Supply, Batteries,<br>s, Telecom Power Supply |
|                             | Digital control : Single<br>Digital Control Solution |   |
|                             | Signal processing : A<br>Unit, Sensors and Ins       |   |
|                             | VR based Fall Simula                                 | tor   |



Airborne electronics

TRU

## SONGWOL CO., LTD. SONGWOL TECHNOLOGIES

| Contact Person              | Hyeonji Kim   | songwol technologies |
|-----------------------------|---|----------------------|
| Tel                         | +82-55-790-1325   | SONGWOL TECHNOLOGIES |
| E-mail                      | joykhj@songwoltech.c  | om                   |
| Website                     | www.songwoltech.cor   | n                    |
| Address                     | 56, Seogyang-gil, Sacheon-si, Gyeonsangnam-do,<br>Republic of Korea |                      |
| Main business<br>(Category) | Composite and Metal Bonded Airframe<br>&Component/Space             |                      |
| Products                    | B737, B777, B787 Flap Support Fairing(Composite)                    |                      |
|                             | <ul> <li>A350 Cargo Door(Cor</li> </ul>                             | nposite)             |



• Drone System Integration(Composite)





B737, B777, B787 Flap Support Fairing

A350 Cargo Door

## **SOOSUNG AIRFRAME IND.,**

| Contact Person              | Joonwoo Cho                                    | SOOSUNG   |
|-----------------------------|--|---|
| Tel                         | +82-55-716-7011                                | AIRFRAME  |
| E-mail                      | jbs1871@soosungai                              | r.com   |
| Website                     | www.soosungair.con                             | ٦   |
| Address                     |  | 14beon-gil, Seongsan-gu,<br>ngnam-do, Republic of Korea |
| Main business<br>(Category) | Aircraft Fuselage Asse<br>Sheet Metal, Tooling | mbly, Machining,  |
| Products                    | A320 P2F FSS Asser<br>WTP Skin, Stringer       | mbly/S15 Assembly/                                      |
|                             | A321 S14A Assembl<br>WBP Butt Strap            | y/P2F FSS Assembly/                                     |
|                             | A330 Machined Rib/                             | Arch Member Frame                                       |
|                             | • B737, B767, B777, B<br>Machining, Forming    | 787 Fuselage Assembly,<br>parts                         |
|                             | • E-JET1, 2 Section Ro                         | oll Forming Frame/Stringer                              |
|                             |  |   |

Stringer

## **SVMTECH CO., LTD.**

| Contact Person              | Kyeonghee Shin   | <b>SVM</b> TECH        |
|-----------------------------|--|------------------------|
| Tel                         | +82-32-717-7500  | [취에스브이엠테크              |
| E-mail                      | skh017@svmtech.co.k  | r                      |
| Website                     | www.svmtech.co.kr  |                        |
| Address                     | 225, Yeolumul-ro, Seo-<br>Republic of Korea                          | -gu, Incheon,          |
| Main business<br>(Category) | Satellite launch vehicle/Fuel Supply Line&<br>Hydraulics Supply Line |                        |
| Products                    | Accumulator(Bellows type), Power rectifier,<br>Latch Valves          |                        |
|                             | Welded Metal Bellow  | s, Flexible Metal Hose |



• Fuel Supply Line(Aerospace&Defense)

Accumulator Flexible Metal Hose

## TCT CO., LTD.

A321 S14A Assembly

| Contact Person              | J.H. KWON                                | TCT  |
|-----------------------------|--|--|
| Tel                         | +82-55-263-2730                          | Turbo CAM Technology                               |
| E-mail                      | tct@tct.co.kr                            | ,  |
| Website                     | www.tct.co.kr                            |  |
| Address                     | 20, Techno valley-ro<br>Gyeongsangnam-do | , Jillye-myeon, Gimhae-si,<br>o, Republic of Korea |
| Main business<br>(Category) | Aerospace Parts                          |  |
| Products                    | High-precision gas                       | turbine engine parts                               |
|                             | Core parts for aircr<br>launchers        | afts and space                                     |
|                             | • Engine&Airframe parts                  |  |
|                             | High pressure turb                       | o pump for rocket                                  |







Airframe Part Engine Case

Turbo Pump

## TOPS CO., LTD.

| Contact Person              | Eunyoung Shin         | TOPS  |
|-----------------------------|-----------------------|---|
| Tel                         | +82-55-333-7095       | SHAPE TECHNOLOGIES GROUP                              |
| E-mail                      | eyshin@tops21.com     |   |
| Website                     | www.topswaterjet.cor  | n   |
| Address                     |                       | peon-gil, Juchon-myeon,<br>gnam-do, Republic of Korea |
| Main business<br>(Category) | Waterjet System Solut | ion   |
| Products                    | Waterjet Machining    |   |

- -Cutting(Spacers, ribs, blades), Roughing(Blisks, blades, leading edges), Drilling(Plugs, nacelle parts), Degating, Deflashing(Forges, blades, landing gear), -Materials: Composites CFRP, superalloys, titanium, aluminum, stainless steel
- · Waterjet Stripping for MRO(Parts, Coatings, Substrate)





Machining Removal

## **UCONSYSTEM CO., LTD.**

| Contact Person              | Taemin Park  | A HOOMOVOTEM CO. LTD. |
|-----------------------------|--|-----------------------|
| Tel                         | +82-42-936-2251  | UCONSYSTEM CO., LTD.  |
| E-mail                      | tmpark@ucn.foosung   | j.com                 |
| Website                     | www.uconsystem.com   | m                     |
| Address                     | 40-9, Techno 2-ro, Yu<br>Republic of Korea   | iseong-gu, Daejeon,   |
| Main business<br>(Category) | UAV, GCS, Simulator  |                       |
| Products                    | Industrial Use: REMO M - 001,     REMO M - 002, 5G/LTE DRONE,     REMOCOPTER-001, REMOCOPTER-004,     MULTI-PURPOSE COMMERCIAL DRONE,     PARCEL DELIVERY DRONE, AEROSTAT, OPV |                       |
|                             | Agricultural Use : RE  | MOFARM-20,            |



REMOFARM-10



REMO M - 002

## **UI HELICOPTER CO., LTD.**

| Contact Person              | laewoo Park  |  |
|-----------------------------|--|--|
| Tel                         | +82-2-3470-8319 <b>W Helicopte</b>   |  |
| E-mail                      | twpark@uihelicopter.com  |  |
| Website                     | www.uihelicopter.com   |  |
| Address                     | 275, Hyorim song seok-gil, Sapgyo-eup, Yesan-gun, Chungnam-do, Republic of Korea   |  |
| Main business<br>(Category) | Helicopter MRO(Maintenance, Repair&Overhaul),<br>CRO(Component Repair&Overhaul),<br>Refurbishment, Upgrade, System Integration |  |
| Products                    | Authorized Customer Service Facility for Bell  |  |
|                             | Authorized Service Centre for Leonardo   |  |
|                             | Maintenance, Repair&Overhaul for various<br>airframes and components including the   |  |

drivetrain system

wing aircraft





· Customizing and System Integration for rotary-

## U-TEL CO., LTD.

DRONE KILLER

|                             | - Y  |  |
|-----------------------------|--|--|
| Contact Person              | Hyeongseop Leem U-Tel Co., Ltd.  |  |
| Tel                         | +82-31-427-1020 Microwave Sensor Network   |  |
| E-mail                      | justin_leem@u-tel.co.kr  |  |
| Website                     | www.utel.co.kr   |  |
| Address                     | 82, Gunpocheomdansaneop 2-ro, Gunpo-si,<br>Gyeonggi-do, Republic of Korea          |  |
| Main business<br>(Category) | Microwave Modules, Transceivers  |  |
| Products                    | Amplifier, T/R Module, Frequency Synthesizer, Receivers, Multi-Function Assemblies |  |





Frequency Synthesizer

### VESSELAFROSPACE CO., LTD.

| · LOOLL                     | ALITOOI A   | JE 00., E1 D.         |  |  |
|-----------------------------|---|-----------------------|--|--|
| Contact Person              | Yujeong Lee   | WESSE!                |  |  |
| Tel                         | +82-10-8943-1310  | VESSEL CO., LTD.      |  |  |
| E-mail                      | yjlee@vessel21.com  |                       |  |  |
| Website                     | www.vesselaerospace.com   |                       |  |  |
| Address                     | 281, Saneop-ro 155beon-gil, Gwonseon-gu,<br>Suwon-si, Gyeonggi-do, Republic of Korea  |                       |  |  |
| Main business<br>(Category) | Light Sport Aircraft(LSA)/Unmanned Aerial<br>Vehicle(UAV)/Urban Air Mobility(UAM) PAV,<br>Infrastructure/Aircraft Equipment&Parts |                       |  |  |
| Products                    | KLA-100, First Korean private enterprise<br>developed and manufactured LSA  |                       |  |  |
|                             | SCANNER, Small UAV specialized for surveillance,<br>monitoring  |                       |  |  |
|                             | • VAM-400/800, Canis  | ter Launched UAV      |  |  |
|                             | • DAOS, Drone Autono  | mous Operation System |  |  |

VAR-500X, Mid-Sized VTOL UAV





VAR-500X

## YEONHAB PRECISION CO., LTD.

| Contact Person              | Juyeon Lee   | S YEONHAB PRECISION CO.,LTC |  |
|-----------------------------|--|-----------------------------|--|
| Tel                         | +82-41-620-3169  | TEOWNAD THEOSON CO.,ETC     |  |
| E-mail                      | juyeon@yeonhab.co.kr   |                             |  |
| Website                     | www.yeonhab.co.kr  |                             |  |
| Address                     | 219-27, Haksusosa-gil, Mokcheon-eup, Dongnam-gu,<br>Cheonan-si, Chungcheongnam-do, Republic of Korea |                             |  |
| Main business<br>(Category) | Harness/Communication Device/Slip Ring/Aero Electronics  |                             |  |
| Products                    | Communication Device   |                             |  |
|                             | Connectors(MIL-STE   | ), Wires & Cables           |  |
|                             | • Slip Ring  |                             |  |
|                             | Aero Electronics, UA\     System   | / Power Management          |  |



and etc.

Slip Ring



• UAV Data Link System, Thrust Vector Control

Cable Harness

## YOUNG POONG ELECTRONICS CO., LTD.

| Yunjung Ryu  | S YOUNG 200NG  |  |  |
|--|--|--|--|
| +82-55-250-3614  | ELECTRONICS CO., LTD.  |  |  |
| ryj612@ypelec.co.kr  |  |  |  |
| www.ypelec.co.kr   |  |  |  |
| 31, Jukjeon-ro 82beon-gil, Uichang-gu, Changwon-si,<br>Gyeongsangnam-do, Republic of Korea   |  |  |  |
| Avionics   |  |  |  |
| Power Distribution Unit, Integrated Standby Instrument,<br>Fuel Quantity Measurement System, Integrated Signal<br>Processing Unit, Flight/Attitude control panel, General<br>Anti-Icing Controller for KUH, LAH, LCH |  |  |  |
|  | +82-55-250-3614 ryj612@ypelec.co.kr www.ypelec.co.kr 31, Jukjeon-ro 82beon- Gyeongsangnam-do, R Avionics • Power Distribution Unit Fuel Quantity Measurer Processing Unit, Flight/ |  |  |

- · Electrical Master Unit, Landing Gear Control Unit,
- Throttle Quadrant Assembly, Inertial Navigation System for KF-21, T/FA-50, KT-1, UAV, VTOL
- Flight Control Computer/Remote Interface Unit Engineering Test Station, Cable&Harness for KF-21, smart UAV, NCUAV





Integrated Standby Instrument

### YULKOK LTD.

| Contact Person              | Dongjae Yeom   |  |  |  |
|-----------------------------|--|--|--|--|
| Tel                         | +82-55-853-2911 <b>YULKOK</b>  |  |  |  |
| E-mail                      | ydj@yulkok.co.kr   |  |  |  |
| Website                     | www.yulkok.co.kr   |  |  |  |
| Address                     | 38, Banwol-ro, Sungsan-gu, Changwon-si,<br>Gyeongsangnam-do, Republic of Korea |  |  |  |
| Main business<br>(Category) | Aircraft Detail Parts & Assemblies   |  |  |  |
| Products                    | • Long Bed Parts: A320 WBP Stringers,<br>B737 Empennage Spars                  |  |  |  |
|                             | • Wing Ribs: B737 Track Ribs,<br>B777 & B787 FLE Ribs, A350 Ribs               |  |  |  |
|                             | • Heavy Hog Out Parts: A350 NLG Bay,<br>B787 MLG Beam                          |  |  |  |
|                             | Hard Metal Parts: B787 Pylon Side Skins,<br>B787 Cam Tracks                    |  |  |  |
|                             | • Engine Parts: CF34 FWD Case, GE Leap Case<br>GE Guide Vane                   |  |  |  |
| 44 Do 8                     |  |  |  |  |





Yulkok FMS Plant

### **BOBS INC.**

| Contact Person              | Taewoo Kim   | DODC        |  |
|-----------------------------|--|-------------|--|
| Tel                         | +82-42-671-6701  | <b>BOBS</b> |  |
| E-mail                      | playy2k@bob-s.co.kr  |             |  |
| Website                     | www.bob-s.co.kr  |             |  |
| Address                     | 40-12, Techno 6-ro, Yuseong-gu, Daejeon,<br>Republic of Korea    |             |  |
| Main business<br>(Category) | Manufacture of Composite Parts for Aircraft & Defense Industries |             |  |
| Products                    | Composite Materials Parts for Automotive and<br>Aerospace        |             |  |

- · Marine Equipment Parts
- · Medical Devices Parts
- Industrial Composite Parts





**Battery Carrier** 

## CHANGMIN TECHRON CO., LTD.

| Contact Person              | Minjae Kim  | CHANG MIN |  |  |
|-----------------------------|---|-----------|--|--|
| Tel                         | +82-55-586-7715   | TECHRON   |  |  |
| E-mail                      | mjkim@cmtechron.com   |           |  |  |
| Website                     | www.cmtechron.com   |           |  |  |
| Address                     | 93-1, Galti-gil, Chirwon-eup, Haman-gun,<br>Gyeongsangnam-do, Republic of Korea   |           |  |  |
| Main business<br>(Category) | Manufacture of Automobile Engine/Body Parts, Manufacture of Aircraft Parts, Manufacture of Tents and Other Canvases, Civilian Business (Membrane Structures, Civilian Sheets) |           |  |  |
| Products                    | Insulation  |           |  |  |



- Strap, Belcro Ass'y
- Shield Ass'y
- · Various Military Bag





Military Bag

## **LOCKHEED MARTIN CORPORATION**

| Contact Person  | 1 Robert Laing   |                 |  |  |
|---|--|-----------------|--|--|
| Tel   | +82-2-2012-6200  | LOCKHEED MARIIN |  |  |
| E-mail  | robert.laing@lmco.com, shorbani.roy@lmco.com   |                 |  |  |
| Website   | www.lockheedmartin.com   |                 |  |  |
| Address   | 6801 Rockledge Drive Bethesda, MD 20817 U.S.A.   |                 |  |  |
| Main business<br>(Category)   | A global security and aerospace company engaged in research, design, development, manufacturing, integration and sustainment of advanced technology systems, products, and services.   |                 |  |  |
| Products  | Aeronautics delivers breakthrough capabilities and aircraft that continually redefine flight.     Missiles and Fire Control (MFC) creates precision defense systems including advanced combat, missile, rocket, manned and unmanned systems. |                 |  |  |
|   |  |                 |  |  |
| <ul> <li>Rotary and Mission Systems (RMS) provinnovative rotorcraft technology, sensors, systems, command and control, combat siand training, cybersecurity, and underseas</li> </ul> |  |                 |  |  |
|   | Our Space business builds systems and<br>capabilities that enhance global communications,<br>weather forecasting and space exploration for   |                 |  |  |







Armed Black Hawk



For more information, visit the website







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