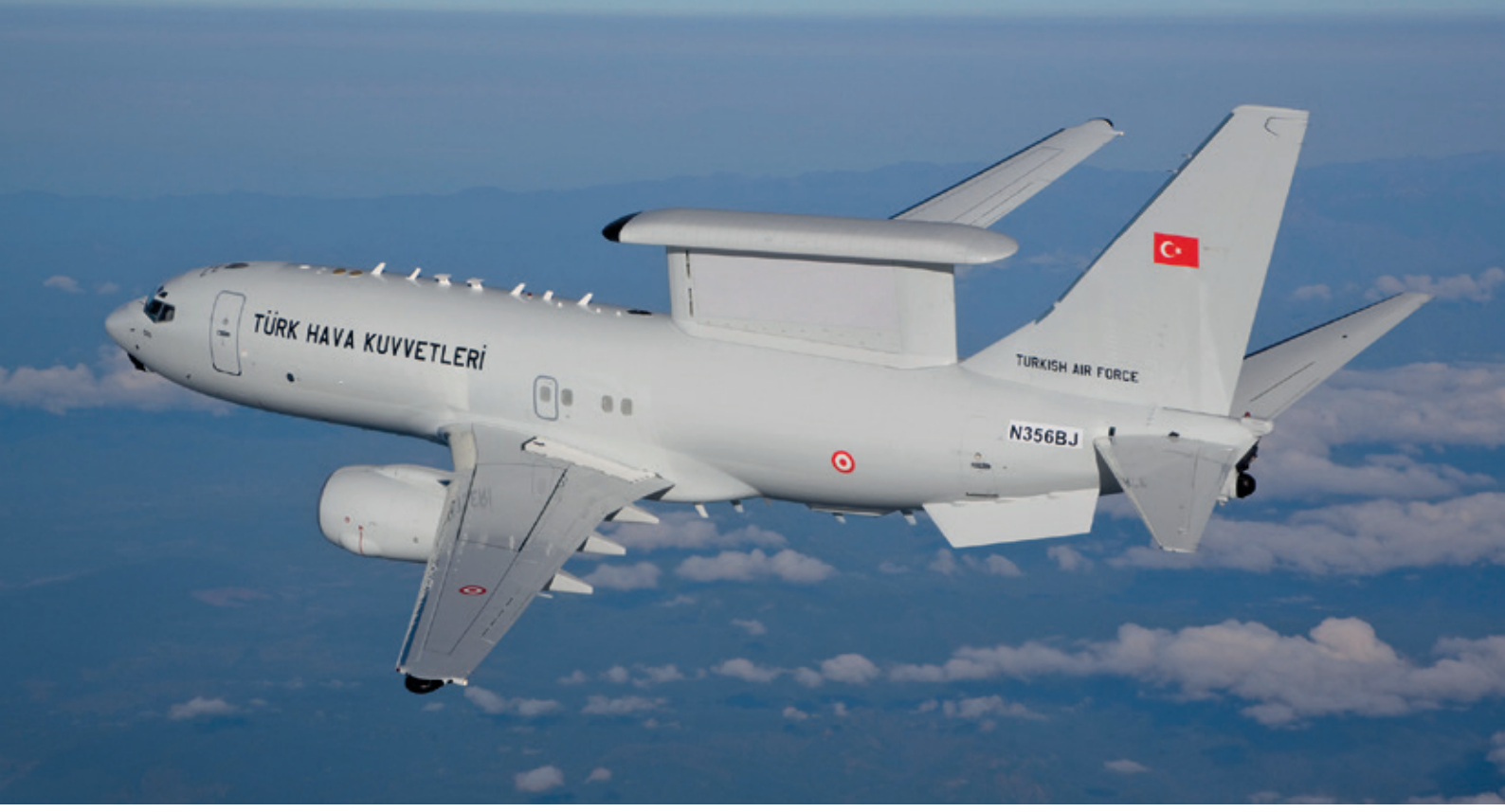

PEACE EAGLE

Airborne Early Warning Command and Control (AEW&C) Project

HAVELSAN


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PEACE EAGLE (AEW&C) PROJECT

PEACE EAGLE Project has the scope of providing Airborne Early Warning and Control (AEW&C) capabilities constituting a C4ISR System for the Turkish Air Forces. This system consisted of four **AEW&C Aircraft** in the Airborne Segment and one Ground Support Segment.

HAVELSAN played a crucial role in **PEACE EAGLE Project** by leveraging its expertise in command and control, intelligence, surveillance, and reconnaissance systems. They contributed by developing the major parts of the mission computing software for the airborne segment and provided a turn key solution in design, development, and delivery of the ground support segment.

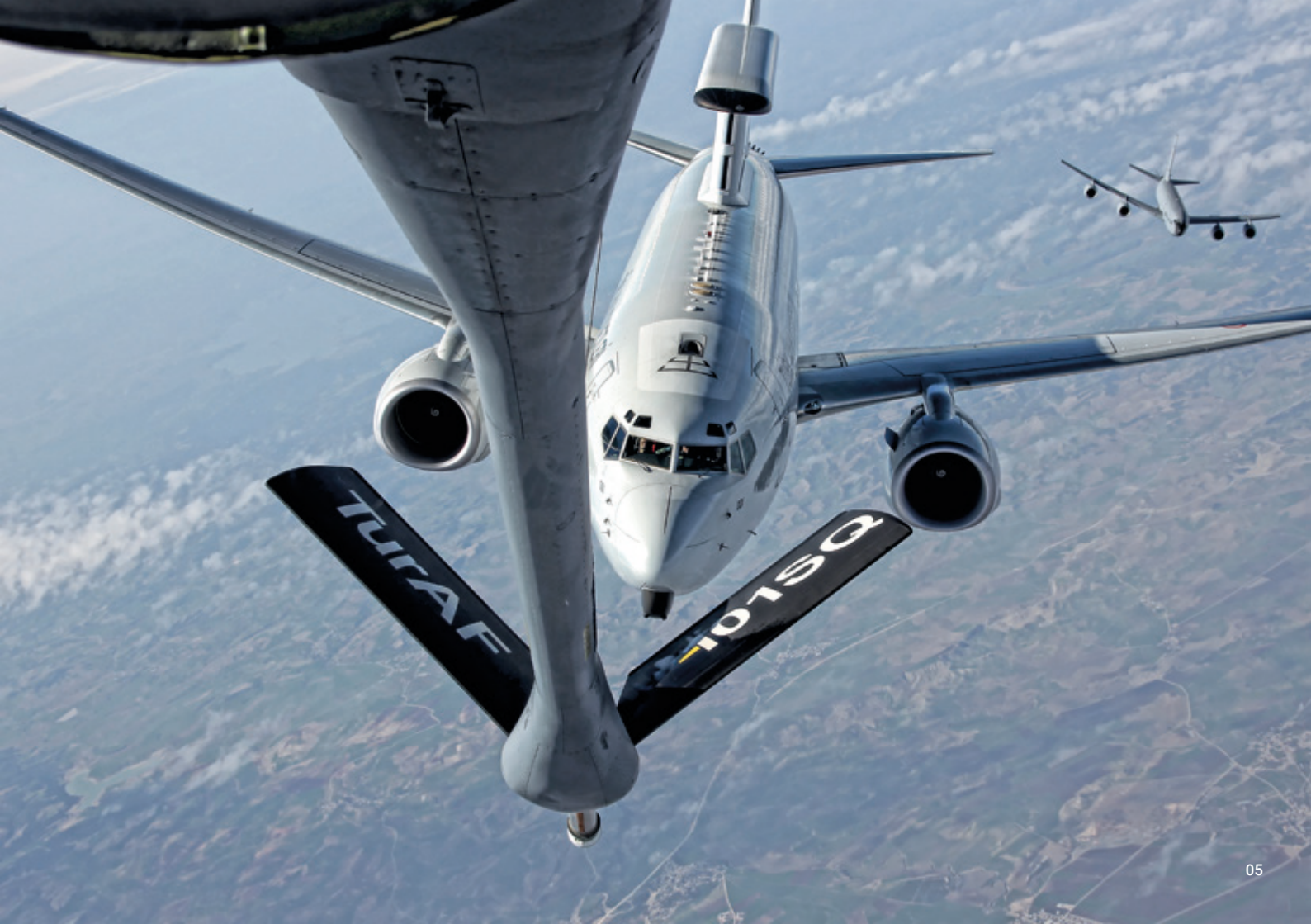
PEACE EAGLE AEW&C system serves as the command control center in the sky, employing cutting-edge technologies to carry out various activities such as air operations control, decision making, and intelligence, surveillance, and reconnaissance.

Even after the successful completion of the delivery phase, **HAVELSAN** continues to provide Integrated Logistics Support (ILS) solutions through its experienced engineering team. They offer ongoing engineering and maintenance (including perfective maintenance) support to ensure the system's optimal functionality.

WORK PACKAGES

HAVELSAN, being a major player in C4ISR system and successfully performed the design, development, integration, test and logistic support activities since August 2003.

- HAVELSAN Activities (System Engineering; Design & Development, System Integration & Test, Interim Support Phase)
- Peace Eagle AEW&C ABS Segment-Mission Control Software MCS Software
- Peace Eagle AEW&C Ground Support Segment (GSS)-MS, MSC, SSC development
- Interim Support Phase and Logistic Support
- Engineering & Maintenance Support for Enhancements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AIRBORNE SEGMENT

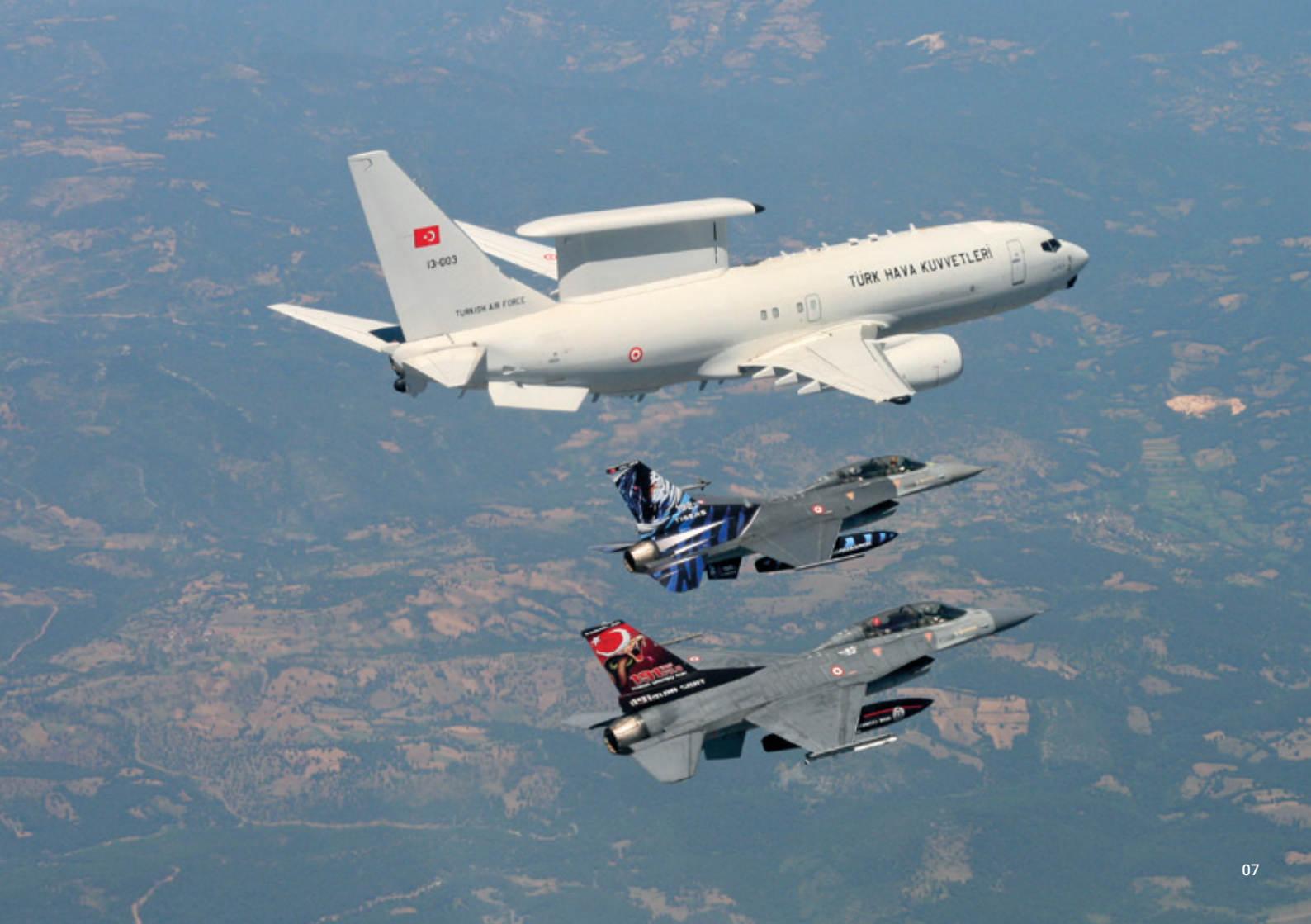
Throughout the **PEACE EAGLE Project**, **HAVELSAN** successfully carried out the following activities;

- Program and Systems Engineering Management in a multi-national environment
- System-level Analysis and Design
- Software Product Development for the Airborne Segment Mission Computing sub-systems
- Hardware and Software Product Development for the Ground Support Segment systems

The subsystem decomposition of **PEACE EAGLE Airborne segment** are the Radar/IFF, ESM, Com&DL, Mission Nav, Avionics, Mission Computing Subsystem (MCS), Platform (Boeing 737-700)

Under the ABS MCS (Airborne Segment Mission Computing System) subsystem, **HAVELSAN** successfully designed, integrated, and delivered the following software components and currently owns the capability of modifying, enhancing and modernizing the complete MCS SW;

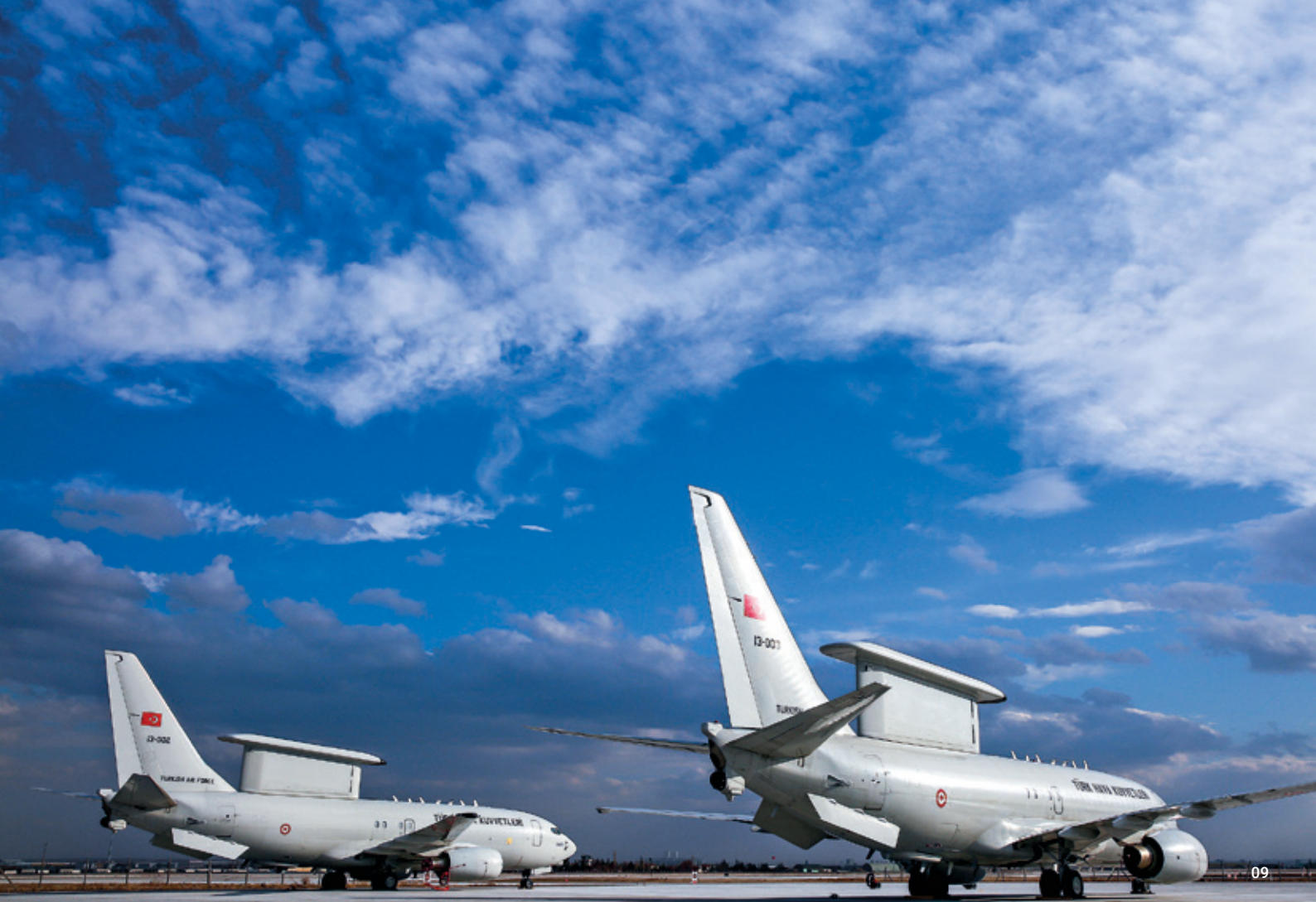
- Com CDL I/F (interface software)
- Weapons Control
- ESM I/F
- ATO/ACO parsing
- Mission Nav and Avionics I/F
- Internal Sim for onborad training activities


TÜRK HAVA KUVVETLERİ
13-003
TURKISH AIR FORCE

GROUND SUPPORT SEGMENT

Within the scope of GSS (Ground Support Segment), HAVELSAN successfully designed, developed, integrated, and delivered the following components:

- Mission Support Centre (MSC): HAVELSAN designed and developed the Mission Support Centre for flight and mission planning, as well as post-analysis activities.
- Mission Simulator (MS): HAVELSAN developed the Mission Simulator, a training and simulation platform for crew members. The MS software allowed personnel to train and rehearse missions in a realistic virtual environment, providing a valuable opportunity to practice and improve their skills.
- Software Support Centre (SSC): HAVELSAN established the Software Support Centre, which provided maintenance, modification, configuration control, and testing services for the mission software. The SSC serves as a dedicated facility to ensure the continuous software enhancement capabilities for the mission software.

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Coding The Trusted Future