



DEVLET HAVA MEYDANLARI İŞLETMESİ
GENEL MÜDÜRLÜĞÜ
Elektronik Daire Başkanlığı

Number : B.11.2.DHM.0.81.01.00-454.04-
Subject : ERA Systems in Turkey

02 /08/2012

TO WHOM IT MAY CONCERN

This letter is to provide details of the surface aircraft and vehicles surveillance system provided by ERA systems at three airports under our control of States Airport Authority (DHMI).

Airports under our management where we have successfully implemented ERA Multilateration Systems are Istanbul Atatürk airport (IST), Ankara Esenboga airport (ESB) and Antalya airport (AYT). The implementation of these systems has already demonstrated its ability to increase the flow of aircraft movements and will make the airports more efficient. Also to minimize risk of accidents and RWY incursion during low visibility procedures, we have installed and operate ERA's vehicle tracking units, as part of A-SMGCS Level II System.

The specific requirements for the MLAT system were very stringent and demanding in terms of accuracy, coverage and redundancy and the solution design delivered by ERA met the requirements.

The systems are fully operational and have been successfully integrated into the A-SMGCS system.

Istanbul Atatürk Airport (IST)

The largest and most complex airport in Turkey is Istanbul Atatürk airport comprising 3 terminals, 3 runways of total length 2.300 and a two 3.000 meters configured as two parallel pairs, with well over 90 stands.

The system comprises 22 ground stations, of which 16 are receivers and 6 are both receivers and interrogators, and 2 reference and monitoring transponders. The MSS system by ERA passed Factory Acceptance Testing with ease and Site Acceptance Testing in July 2010.

Ankara Esenboga Airport (ESB)

Ankara Esenboga International Airport serves the capital city of Turkey and is one of the most modern airports in Europe, comprising 1 terminal, 2 runways of total length 3.750 meters configured as two parallel pairs, with a 50 stands. The system comprises 17 ground stations, of which 14 are receivers and 3 are both receivers and interrogators, and 2 reference and monitoring transponders. The MSS system by ERA passed Factory Acceptance Testing with ease and Site Acceptance Testing in May 2010.



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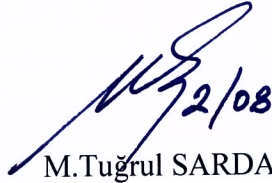
Antalya Airport (AYT)

Antalya International airport comprise 3 terminals, 3 runways of total length 3.400, a two 3.400 and 2.990 meters configured as two parallel pairs, with well over 38 stands.

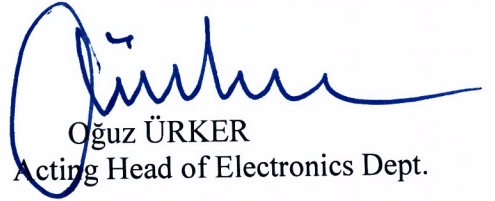
The system comprises 23 ground stations, of which 16 are receivers and 7 are both receivers and interrogators, and 2 reference and monitoring transponders. The MSS system by ERA passed Factory Acceptance Testing with ease and Site Acceptance Testing in July 2010.

Due to its size and complexity the implementation of these systems faced some technical challenges during which ERA displayed a good engineering skill and most of all commitment to customer satisfaction.

If you need any further information, please don't hesitate to contact the undersigned.



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