



CM-0807-B — Enhanced Ground-based Safety Nets Using ADS-B information

Aircraft Derived Data as defined by ED102A/DO260B which provides both the aircraft computed position (coming from ADS B) and its tactical intent (e.g. selected heading and selected altitude coming from Mode S EHS), is used to improve the safety net performance, e.g. to detect that the separation mode has been compromised and to provide/propose resolution action. Safety Nets are to include the detection of aircraft penetrations of segregated airspace. The safety nets must remain robust against information error or missing information.

Rationale The objective is to provide controllers with a reliable alerting system based upon all the surveillance information available. MIL: Applicability of including proximity warnings of (moving or fixed) segregated area's to be assessed.

Forecast V3 end date -

Benefits start date (IOC) 31-12-2011

Full benefits date (FOC) 31-12-2017

Current Maturity Level V2

Solution Data Quality Index -

Current Maturity Phase R&D

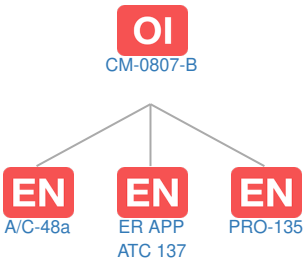
Scope -

Release 2020+





PCP Status -

Context

Related Elements



EN Enablers

Code		Dates																											
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
CM-0807-B																													
	A/C-48a				FOC																								
	ER APP ATC 137																												
	PRO-135																												

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	CM-0807-A	Enhanced Short Term Conflict Alert using Mode S EHS data	<div><div>SOL</div><div>OI</div><div>EN</div><div>OBJ</div><div>DS</div><div>ICAO</div><div>A</div></div>

SOL SESAR Solutions: No associated data

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data