



AUO-0703 — Optimised Enhanced Braking Information at a Pre-selected Runway Exit Coordinated with Ground ATC by Datalink

Optimised enhanced braking information at a pre-selected runway exit by shortening or extending the roll-out phase. Coordinated with ground ATC through datalink, and based on avionics that controls the deceleration of the aircraft to the design speed for the selected exit.

Rationale Landing aircraft can make optimal use of existing exits (RETS or other) by adapting braking techniques after landing. During blue sky situations the pilot could adapt approach speed and/or braking as he can see the exit from quite a distance. During low visibility conditions this will become more difficult and longer ROTs will occur. Assisting the pilot to achieve optimal final aircraft configuration and braking techniques will result in lower ROTs and thus maintaining or increasing throughput and capacity. Runway exit to be planned and managed in consistency with taxi route. Consider downlinking on-board computed ROT, if available. Could ultimately be linked with TBS on approach to optimise the intervals between landing a/c.

Forecast V3 end date -

Benefits start date (IOC) 13-03-2024

Full benefits date (FOC) 31-12-2028

Current Maturity Level V2 finalised

Solution Data Quality Index -

Current Maturity Phase R&D

Scope Local

Release -

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	
AUO-0703																											
A/C-18																											
A/C-31a																											
A/C-82																											
AERODROME-ATC-35																											
AERODROME-ATC-45																											
AERODROME-ATC-63																											
CTE-C02c																											

OI Dependent OI Steps: No associated data

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