

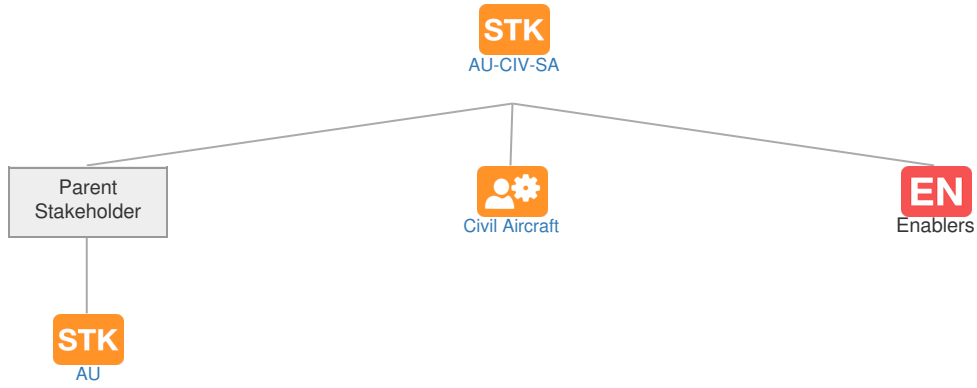


AU-CIV-SA - Civil Scheduled Aviation

An air carrier or airline that engages mainly in scheduled services for the public (though it may also operate some non-scheduled flights).

Context

Related Elements



STK Parent Stakeholder

Title	Description	Related Elements
Airspace User	A company, an organisation or an individual operating (an) aircraft.	EN

STK Child Stakeholders: No associated data

EN Enablers

Code	Title	IOC	Related Elements	Analysis
A/C-01	Enhanced positioning for LPV/RNP based on Single Frequency SBAS	31-12-2020	STK OI EN DS	Analysis
A/C-01b	Aircraft capability to support Multiple Constellation / Multiple Frequency SBAS LPV 100	-	STK OI DS	Analysis
A/C-02a	Enhanced positioning using GBAS single frequency	31-12-2025	STK OI EN DS	Analysis
A/C-02b	Enhanced positioning using multi constellation GNSS dual frequency	31-12-2026	STK OI EN DS	Analysis
A/C-02c	Enhanced Vertical positioning based on GNSS extended to TMA operation	31-12-2030	STK OI EN DS	Analysis
STD-089	Standards for efficient curved arrival and departure operations in the TMA	-	STK EN	Analysis
A/C-03	Determination of a preferred trajectory avoiding an area - not existing in on-board data base	-	STK OI	Analysis
A/C-04	Flight management and guidance for improved lateral navigation in approach via RNP	31-12-2007	STK OI EN DS	Analysis
A/C-04a	Flight management and guidance for Advanced RNP	31-12-2019	STK OI EN DS	Analysis
A/C-06	Flight management and guidance for LPV approach based on SBAS	31-12-2020	STK OI EN DS	Analysis
PRO-AC-06	Cockpit Procedures for LPV approach based on SBAS	31-12-2011	STK OI EN DS	Analysis
A/C-07	Flight management and guidance for RNP transition to ILS/GLS/LPV	31-12-2020	STK OI EN DS PCP	Analysis
A/C-08	Flight management and guidance to perform wake-turbulence free approach	31-12-2025	STK EN	Analysis
A/C-11	Flight management and guidance for improved single time constraint achievement (CTA/CTO)	31-12-2022	STK OI EN DS	Analysis
A/C-13	Flight management and guidance to improve longitudinal navigation (4D contract)	-	STK OI	Analysis
A/C-15b	Aircraft functions for Interval Management	31-12-2028	STK OI EN DS	Analysis
A/C-16a	Flight management and guidance to support ASEP-ITF/ITM	31-12-2020	STK OI EN	Analysis
A/C-16b	Flight management and guidance to support ASEP-C&P	-	STK OI EN	Analysis
A/C-17	Flight management and guidance to support ASAS self-separation (SSEP)	31-12-2027	STK OI EN	Analysis
A/C-18	Flight management and guidance for automatic braking according to a pre-defined runway exit	31-12-2022	STK OI EN	Analysis
A/C-19a	On-board management and guidance for autonomous taxiing with engine off using electrical power	-	STK OI	Analysis
A/C-19b	Flight management and guidance to support automatic taxi	-	STK OI	Analysis
A/C-20	Automatic prevention of runway incursion (e.g. stop bar).	-	STK OI	Analysis
A/C-21	Coupling TCAS II RAs to the aircraft auto flight systems to enable accurate response to TCAS II RAs with display of cues for monitoring the avoidance manoeuvre	31-12-2011	STK OI EN DS	Analysis
PRO-AC-21	Cockpit procedure for AP/FD TCAS	31-12-2011	STK OI EN OBJ DS	Analysis

Code	Title	IOC	Related Elements	Analysis
A/C-21b	Coupling TCAS II RAs to the aircraft auto flight systems - to enable adaptation of altitude capture law in the autoflight control system upon closing traffic		STK EN	Analysis
PRO-AC-21	Cockpit procedure for AP/FD TCAS	31-12-2011	STK OI EN OBJ DS	Analysis
A/C-22	Enhanced Flight Vision System (EFVS)	31-12-2017	STK OI EN DS	Analysis
A/C-23a	Synthetic vision in low visibility conditions	31-12-2023	STK OI EN	Analysis
A/C-22	Enhanced Flight Vision System (EFVS)	31-12-2017	STK OI EN DS	Analysis
A/C-23b1	Combined Vision for Equivalent Visual Landing operations in LVC with HMD	30-09-2023	STK OI DS	Analysis
A/C-23b2	Combined Vision for Equivalent Visual Taxi operations in LVC	30-09-2023	STK OI DS	Analysis
A/C-23b3	Combined Vision for Equivalent Visual Take-off operations in LVC	-	STK OI	Analysis
A/C-24	Airport moving map and own aircraft position display in cockpit.	31-12-2013	STK OI EN DS	Analysis
A/C-25	Airborne Traffic Situational Awareness to support surface operations (ATSA-SURF), including reception (ADS-B in), processing and display	-	STK OI EN	Analysis
A/C-26	Airborne traffic situational awareness to support in flight operations (ATSA-AIRB), including reception (ADS-B in), processing and display	31-12-2015	STK OI EN	Analysis
A/C-27	Airborne Traffic Situational Awareness to support enhanced Visual Separation on Approach (ATSA-VSA), including reception (ADS-B in), processing and display	31-12-2015	STK OI EN	Analysis
A/C-27a	Airborne Traffic Situational Awareness to support CDTI Assisted operations (ATSA-CAVS/CAPP), including reception (ADS-B In), processing, display, and alerts	31-12-2025	STK OI DS	Analysis
A/C-28	Airborne Traffic Situational Awareness to support In-Trail Procedure (ATSA-ITP), including reception (ADS-B in), processing and display	31-12-2015	STK OI EN	Analysis
A/C-29	On-board conflict detection and resolution to support ASAS self-separation	31-12-2027	STK OI EN	Analysis
A/C-30a	On-board prediction of wake turbulences based on aircraft data exchange	31-08-2023	STK OI EN	Analysis
A/C-30b	On-board detection of wake-turbulences based on on-board sensor (e.g. LIDAR)	31-12-2020	STK OI EN	Analysis
A/C-30c	Onboard Detection of Wake Turbulence Encounters	31-08-2023	STK OI DS	Analysis
A/C-31	Data link exchange compliant with Link 2000+	31-12-2011	STK OI EN	Analysis
A/C-31a	Controller pilot data link communication (CPDLC) compliant with ATN baseline 2 (FANS 3/C)	31-12-2017	STK OI EN DS	Analysis
A/C-31c	Exchange of clearances or instructions (ASEP)	-	STK OI EN	Analysis
A/C-31d	Uplink of clearances or instructions (SSEP)	-	STK OI EN	Analysis
A/C-33a	Class B SATCOM	31-12-2020	STK OI DS PCP	Analysis
A/C-34	On-board management of clearances or instructions revising trajectory	31-12-2025	STK OI DS	Analysis
A/C-37a	Downlink of trajectory data according to contract terms (ADS-C) compliant to ATN baseline 2 (FANS 3/C)	31-12-2021	STK OI EN DS PCP	Analysis
A/C-39	Flight Management and Guidance for Adaptive Increased Glide Slope (A-IGS)	31-08-2023	STK OI DS	Analysis
A/C-40	Uplink of an area dynamically activated and not existing - in on-board data base		STK OI	Analysis
A/C-41	Flight Management and Guidance for Double Slope Approach	31-12-2029	STK OI	Analysis
A/C-42a	On-board graphical display of taxi clearance (up linked or via voice) using common air/ground airport database		STK OI EN DS	Analysis
A/C-42b	On-board management of target times	31-12-2020	STK	Analysis
A/C-42c	On-board management of dynamic update of runway/taxiway status	31-12-2025	STK OI EN DS	Analysis
A/C-43a1	Traffic Alerts for Pilots during Runway Operations	30-07-2023	STK OI EN DS	Analysis

Code	Title	IOC	Related Elements	Analysis
A/C-43a2	Traffic Alerts for Pilots during Taxiway Operations	30-07-2023	STK OI DS	Analysis
A/C-43b	On-board Alerts on Airport Surface Related to the Conformance to Clearances	31-12-2025	STK OI DS	Analysis
A/C-43c	On-board Alerts on Airport Surface Related to the Compliance to the Airport Configuration	31-12-2025	STK OI DS	Analysis
A/C-45	Air ground data link exchange of ATIS via ACARS	31-12-2007	STK OI EN	Analysis
A/C-47	On-board management of meteorological data from on-board sensors for sharing and integration by ATM and ATM-MET systems	31-12-2026	STK OI EN DS	Analysis
A/C-48a	Air broadcast of aircraft position/vector (ADS-B OUT) compliant with DO260B	31-12-2011	STK OI EN DS	Analysis
A/C-48b	Air broadcast of aircraft data (ADS-B OUT) compliant with new DO260C standard	-	STK OI EN	Analysis
A/C-53	Flight management and guidance to support NADP	31-12-2008	STK OI	Analysis
A/C-54a	Enhanced Airborne Collision Avoidance (ACAS)	31-12-2025	STK OI EN DS	Analysis
A/C-54a0	Extended Hybrid Surveillance	31-12-2020	STK OI EN DS	Analysis
A/C-54a	Enhanced Airborne Collision Avoidance (ACAS)	31-12-2025	STK OI EN DS	Analysis
A/C-54b	ACAS adaptation to new separation modes	31-12-2020	STK OI EN DS	Analysis
A/C-56a	Flight management and guidance for Precision Approach GBAS CATII/III using GPS L1	31-12-2020	STK OI EN DS	Analysis
A/C-56b	Flight management and guidance to support GBAS CATII/III using dual GNSS	-	STK OI EN	Analysis
A/C-57	On-board migration from existing air-ground data link to air-ground SWIM for AIS/MET services	31-12-2026	STK OI DS	Analysis
A/C-57a	Management of MET, and AIM and other operational Information for use in aircraft control domain	01-12-2027	STK OI DS	Analysis
A/C-59	New ADS-B solution to increase the capacity of data broadcasted	31-12-2027	STK OI EN	Analysis
A/C-64	Dowlinked observed runway surface condition	31-12-2024	STK OI EN	Analysis
A/C-65	On-board surface collision avoidance system	-	STK OI	Analysis
A/C-67	ADS-B IN	30-07-2023	STK OI EN DS	Analysis
A/C-68	On-board Traffic situation processing and display for ASAS separation applications, including reception (ADS-B in)	-	STK OI EN	Analysis
A/C-69a	Information Domain application for improved aircraft vertical profile in cruise	-	STK OI	Analysis
A/C-73	Energy monitoring system during approach and landing to avoid runway excursion for dry or wet runway	31-12-2024	STK OI DS	Analysis
A/C-74	Energy monitoring system during approach and landing to avoid runway excursion for any kind of contamination on runway surface	31-12-2024	STK OI	Analysis
A/C-75	Take-off system monitoring to avoid runway excursion	-	STK OI EN DS	Analysis
A/C-81	Flight management and guidance for Curved procedures	31-12-2030	STK OI EN DS	Analysis
STD-089	Standards for efficient curved arrival and departure operations in the TMA	-	STK EN	Analysis
A/C-82	Aircraft predicted runway occupancy time downlinked to ATC	31-12-2022	STK OI	Analysis
A/C-84	Braking Action Computation Function in On-board Braking Action Computation System	31-12-2024	STK OI EN	Analysis
A/C-86	On-board assistance to aircraft energy management	31-08-2023	STK OI	Analysis
A/C-87	On-board assistance to flare	31-08-2023	STK OI	Analysis
AIMS-23	Enhanced digital data chain to ensure Aeronautical Information data provision to meet full 4D trajectory management requirements	31-12-2023	STK OI DS	Analysis
CTE-C02d	New Airport Datalink technology (AEROMACS)	31-12-2022	STK OI EN DS ⚙️	Analysis

Code	Title	IOC	Related Elements	Analysis
A/C-24	Airport moving map and own aircraft position display in cockpit.	31-12-2013	STK OI EN DS	Analysis
A/C-31a	Controller pilot data link communication (CPDLC) compliant with ATN baseline 2 (FANS 3/C)	31-12-2017	STK OI EN DS 📄	Analysis
A/C-31c	Exchange of clearances or instructions (ASEP)	-	STK OI EN	Analysis
A/C-42a	On-board graphical display of taxi clearance (up linked or via voice) using common air/ground airport database	-	STK OI EN DS	Analysis
CTE-C02d0	New Airport Datalink technology (AEROMACS)	31-12-2029	STK OI DS	Analysis
CTE-C02g	Air to Air functionality of New A/G radios	31-12-2029	STK OI DS ⚙️	Analysis
CTE-N13a	A-PNT (Alternative Positioning Navigation and Timing)	31-12-2029	STK OI EN	Analysis
CTE-S05	Gradual rationalisation of conventional surveillance infrastructure (ADS-B/WAM vs SSR and MSPSR vs PSR)	12-09-2018	STK OI EN ⚙️	Analysis
CTE-S06	Composite Surveillance	-	STK OI EN DS	Analysis
FOC-002	Assessment of real time ASM data	31-03-2028	STK OI DS	Analysis
FOC-003	FOC capabilities to support advanced RNP operations	-	STK	Analysis
FOC-004	Optimised climb and descents path calculation in FOC	-	STK	Analysis
FOC-005	FOC capabilities to participate in UDPP	-	STK	Analysis
FOC-006	FOC flight lifecycle monitoring and situational awareness capabilities	-	STK OI DS	Analysis
FOC-007	Improved flight crew briefing through integration of digital data	31-12-2019	STK OI	Analysis
FOC-008	Processing of ADD information for flight monitoring purposes	31-12-2022	STK OI	Analysis
FOC-009	Improved trajectory planning through consideration of ground operation milestones and actual taxi time.	31-12-2020	STK OI DS	Analysis
HUM-002	Human factors flight crews - Interval Management	31-12-2028	STK OI DS 👤	Analysis
HUM-007	New communication and interaction patterns between stakeholders of airport operations linked to collaborative rolling AOP/NOP management.	31-12-2019	STK OI DS PCP 👤	Analysis
HUM-011	New role of APOC representative from Airspace User	31-12-2023	STK OI DS 👤	Analysis
HUM-013	Tasks transfer from AOP stakeholders to APAMS	31-12-2023	STK OI 👤	Analysis
HUM-014	New interactions and communication patterns for the integration of landside process outputs into the A-CDM process.	31-12-2023	STK OI DS 👤	Analysis
HUM-015	New working methods for the integration of landside process outputs into the A-CDM process.	31-12-2023	STK OI DS 👤	Analysis
HUM-016	New working methods for the integration of the Airport Transit View (ATV) into the A-CDM process.	31-12-2022	STK OI DS 👤	Analysis
METEO-03	Provision and monitoring of real-time airport weather information (PCP)	01-07-2022	STK OI EN DS PCP ⚙️	Analysis
METEO-04b	Generate and provide MET information services relevant for Airport and final approach related operations (PCP)	01-07-2022	STK OI EN DS PCP	Analysis
METEO-04c	Generate and provide MET information relevant for Airport and approach related operations at short notice ('time to decision' between 3 minutes and 7days) including rotorcraft and RPAS	31-12-2026	STK OI EN DS ⚙️	Analysis
METEO-04d	Generate and provide MET information relevant for Airport and final approach for at shortest notice (less than 3 minutes 'time to decision' horizon)	-	STK OI EN ⚙️	Analysis
METEO-05b	Generate and provide MET information relevant for TMA and En-route related operations (PCP)	01-07-2022	STK OI EN DS PCP	Analysis
METEO-05c	Generate and provide MET information relevant for TMA and En-route related operations at short notice ('time to decision' between 3 minutes and 7days), including for low-level IFR operations.	31-12-2026	STK OI EN DS	Analysis

Code	Title	IOC	Related Elements	Analysis
METEO-05d	Generate and provide MET information relevant for TMA and En-route related operations at shortest notice (less than 3 minutes 'time to decision')	-	STK OI EN	Analysis
NIMS-31	B2B (Business to Business) Web Services - Flight Plan filing and management	31-12-2011	STK OI	Analysis
PRO-017	FCM Procedures to assist the Airspace User in selection of the most optimal trajectory	31-12-2011	STK OI	Analysis
PRO-028	Procedures to support AOP-NOP collaborative process	31-12-2019	STK OI DS PCP	Analysis
PRO-054a	Operational procedures for separation management in En-Route using RNP specifications	-	STK OI	Analysis
PRO-062c	Airline Operational Procedures implementing Best Practices for Prevention of Runway Incursions	31-12-2007	STK OI	Analysis
PRO-073a	Procedures to optimise the de-icing process within the constraints of the operational schedule, the optimal runway use and the local de-icing capacity.	31-12-2022	STK OI EN DS	Analysis
PRO-190	ATC Procedures for Managing Environmental Noise Capacity	31-12-2008	STK OI	Analysis
PRO-201a	Procedures linked to Improvement of Surveillance on the Manoeuvring Area on and around the Runway	31-12-2006	STK OI	Analysis
PRO-204c	Collaborative Procedures (Airlines) for improving Airport Operations in Adverse Conditions	31-12-2007	STK OI	Analysis
PRO-213b	CDM information sharing Airline Procedures for turn-around	26-06-2010	STK OI	Analysis
PRO-214b	Airline CDM Procedures for pre-departure sequencing	26-06-2010	STK OI PCP	Analysis
PRO-215a	Airline Procedures Linked to Collaborative Flight Planning	31-12-2011	STK OI EN	Analysis
PRO-215b	ATC Procedures Linked to Collaborative Flight Planning	31-12-2011	STK OI	Analysis
PRO-215c	Airport Procedures Linked to Collaborative Flight Planning	31-12-2011	STK OI	Analysis
PRO-215d	FCM Procedures Linked to Collaborative Flight Planning	31-12-2011	STK OI	Analysis
PRO-217	Ground-Ground (Procedural) Communications related to Collaborative Flight Planning	31-12-2011	STK OI	Analysis
PRO-246	Procedures for standardised response to Runway Status Lights	29-04-2021	STK OI DS	Analysis
PRO-AC-06	Cockpit Procedures for LPV approach based on SBAS	31-12-2011	STK OI EN DS	Analysis
PRO-AC-21	Cockpit procedure for AP/FD TCAS	31-12-2011	STK OI EN OBJ DS	Analysis
PRO-AC-53	Cockpit Procedure for Noise Abatement Departure Procedure	31-12-2008	STK OI	Analysis
PRO-ENV-12a	Exploiting new ATM and aircraft capabilities to optimise the aircraft noise footprint at airports (Airlines)	31-12-2008	STK OI	Analysis
PRO-ENV-12b	Exploiting new ATM and aircraft capabilities to optimise the aircraft noise footprint at airports (Airports)	31-12-2008	STK OI	Analysis
PRO-ENV-13a	Airline Procedures for exploiting new ATM and aircraft capabilities with a view to optimising atmospheric emissions from aircraft operations	31-12-2008	STK OI	Analysis
PRO-ENV-13b	Airport Procedures for exploiting new ATM and aircraft capabilities with a view to optimising atmospheric emissions from aircraft operations	31-12-2008	STK OI	Analysis
SWIM-INFR-06c	Air side SWIM technical infrastructure for Air-Ground Advisory Information Sharing	31-12-2028	STK OI DS	Analysis