



CTE-N09 — ILS (Instrument Landing System)

ILS provides the primary Precision Approach guidance, notably for Cat II/III operations

Category SYSTEM

Stakeholder Air Navigation Service Provider
Civil
Civil CNS Service Provider

V3 End -

V4 Start -

V5 Start -

V4 End -

V5 End -

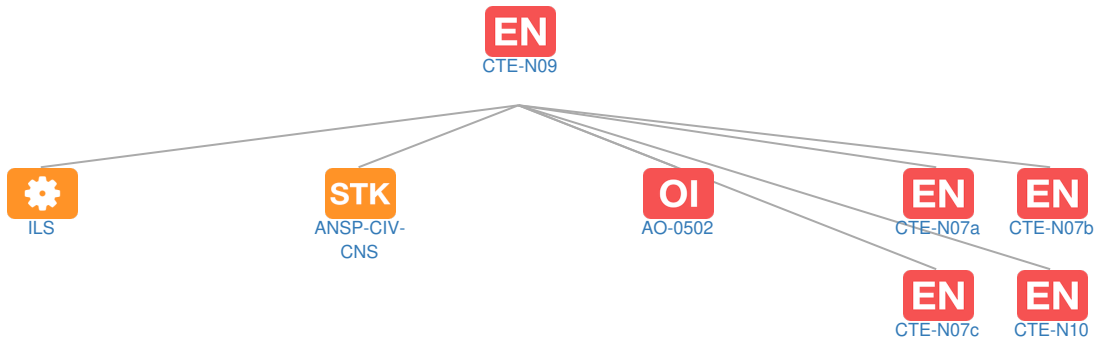
Air Navigation Service Provider: -
Civil
Civil CNS Service Provider: -

IOC -

FOC -

Context

Related Elements



Operational Improvement Steps

Code	Benefits start date (IOC) - Full benefit date (FOC)																																				
	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											
CTE-N09																																					
→ AO-0502																																					

Dependent Enablers

Relationship	Code	Title	Related Elements
Alternate	CTE-N07a	GBAS Cat I based on Single-Constellation / Single-Frequency GNSS (GPS L1)	STK OI EN ⚙️
Alternate	CTE-N07b	GBAS Cat II/III based on Single-Constellation / Single-Frequency GNSS (GPS L1)	STK OI EN DS ⚙️
Alternate	CTE-N07c	GBAS Cat II/III based on Multi-Constellation / Multi-Frequency (MCMF) GNSS (GPS + GALILEO / L1 + L5)	STK OI EN DS ⚙️
Alternate	CTE-N10	Microwave Landing System (MLS)	STK OI EN ⚙️

PCP PCP Elements: No associated data

Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-CNS	Civil CNS Service Provider	EN 👤 ⚙️

Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data