GIV/GV Mandates
Product Support New Business
Development Update

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Recent Changes in 2015

- Link 2000+ (ATN-B1, PM-CPDLC)
  - Europe Commission has officially delayed the mandate to February 2020

- FANS Phase 2 in effect
  - All tracks in Organized Track System now require equipage between FL 350-390 inclusive

- New Hong Kong Ruling
  - New requirement for 2 hour Cockpit Recording (effective January 1, 2016)
    - Airworthiness Notice No. 101D Issue 6
    - GIV, GIV-SP, and GV may be made compliant with the FANS 1/A + upgrade or L3 Model FA2100 CVR replacement

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Recent Changes in 2015

- TCAS Version 7.1
    - Becomes mandatory to operate in Europe on December 1, 2015
- FAA InFO 15XXXX Draft – DLR info gathering to help operators determine if required

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Mandate Summary

Mandate	Region	New A/C CofA Date	Fleet Retro-Fit Date
ADS-B OUT v1	Australia Asia-Pacific	December 12, 2013	December 12, 2013
ADS-B OUT v2	Europe U.S.	Europe - June 8, 2016 U.S. – January 1, 2020	Europe – June 7, 2020 U.S. – January 1, 2020
FANS 1/A+	ICAO North Atlantic (NAT) Region	February 7, 2013: FL360-390, Two Tracks in organized track system February 5, 2015: FL350-390, All Tracks in organized tracks system December 7, 2017: FL350-390, NAT Region January 30, 2020: FL290 & Above, NAT Region	
LINK 2000+	Europe	February 5, 2020	
DATA LINK RECORDING	FAA-registered a/c with CPDLC	Part 135 – Dec 2010 Part 91 – April 2012	Not required*
	EASA-registered	April 8, 2014	Not required*
TCAS 7.1	Europe	March 1, 2012	December 1, 2015

* DLR is required for certain retrofit configurations

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GIV/GV MANDATES
2014 / 2015
Completed PROGRAMS

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Mandates – Completed Programs

Program	Status	EASA	Cert Type	A/C Model
TCAS Change 7.1 Upgrade (CAS67)	Complete	Yes	ASC 188B	GV
3rd NZ Configuration FMS 6.1	Complete	Yes	ASC 209A	GV
FMS 6.1 WAAS/LPV	Complete	Yes	ASC 477B ASC 186B	GIV GV
DU885 Cert Rev 1.10	Complete	Yes	ASC 476B	GIV
DU885 Cert Rev 1.10	Complete	Yes	ASC 183B	GV

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GIV/GV MANDATES
2015
Certification PROGRAM STATUS

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Mandates – Certification Programs

Program	Status	EASA	Cert Type	A/C Model
FANS 1/A +	Q4 15	I/W	STC	GV
FANS 1/A +	Q1 16	I/W	STC	GIV-SP
FANS 1/A +	Q2 16	I/W	STC	GIV
ADS-B Out V2 (DO-260B)	Q4 15	I/W	STC	GIV/GIV-SP
ADS-B Out V2 (DO-260B)	Q4 15	I/W	STC	GV

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Mandates – Certification Programs

Program	Status	EASA	Cert Type	A/C Model
FANS Over Iridium	Under Evaluation	Under Evaluation	TBD	GIV/GIV-SP/GV
Link 2000+	Exempt Under Evaluation	Under Evaluation	TBD	GIV/GIV-SP/GV

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