



INSPECTION OF COMMUNICATION STATION

ICAO Doc 9760 (Airworthiness Manual), Part IV, 2.5 (Demonstration and Inspection Phase), 2.54 (Fixed Facilities), 2.5.1.4 (Main Base Building) in part, discuss the need for demonstration of communication and flight following capability, such that, operator's ground communications station as used for dispatch and/or flight following purposes are inspected to ensure that the station meet standards for certification and will continue to meet the same standard as to be demonstrated by the operator during the en route approval process and subsequent surveillance.

Note: *Please that this inspection form is to determine that the Air Operator Applicant has basic communication equipment in place and the inspection does not take into consideration: detail Procedures for Air Navigation Services (PANS) or Radiotelephony Procedures in accordance Doc 7181. For detail on Equipment and Systems, Radio Frequencies and Codes and Abbreviations, Annex 10 of the Chicago convention must be consulted.*

But, the radio equipment must be capable of providing communication on the aeronautical emergency frequency 121.5 MHz as demanded for the aircraft to which communication may be established NAM CATS 91.05.1 and NAMCATS-OPS 91

This inspection form is not meant for complicated Operations Control Centre (OCC) that have to follow all related communication procedures as enshrined in "Procedures for Air Navigation Services — Air Traffic Management (PANS-ATM, Doc 4444), Global Operational Data Link (GOLD) Manual (Doc 10037), Manual on Required Communication Performance (RCP) (Doc 9869)

What to look for

S/N	Items	Sub-items	Seen (s)/ Not Seen (NS)/ NA		
			Sat ✓	Not Sat ✓	
1	<u>DURING AOC CERTIFICATION</u> Evaluate operator's communications	1.1	Review procedures for the use of the equipment between operators, ground staff and aircraft as the case may be.		

	equipment (HF, VHF, SELCAL, etc) according to NAMCARs 91.05.1 and operator's specificity.	1.2	Review equipment records and historical records for reliability, if any.		
		1.3	Inspect communications facilities (equipment and it accessories including antenna (s))		
		1.4	Conduct flight and/or ground evaluations		
		1.5	Review any communications records		
2	<u>DURING AOC RENEWAL OR INTRODUCTION OF NEW COMMUNICATION EQUIPMENT</u>	2.1	Evaluate requirements for the new system with operator		
		2.2	Examine the compatibility of the new system with operator's dispatch and flight following capabilities.		
		2.3	Inspect the new system/facility and its accessories.		
		2.4	Conduct flight and/or ground evaluations.		
		2.5	Ensure that the new system/facility complies with appropriate regulations		
3	<u>AIRCRAFT OPERATOR REQUIREMENTS:</u>	3.1	Aircraft system.		
		3.2	Operations (ground to ground or ground to air- without interference with the ATC)		
		3.3	Maintenance.		
		3.4	Procedures.		
		3.5	Training.		
		3.6	Qualifications (of the users and the Pilot)		
		3.7	Operational authorization (within the ATC system, two ways communication, one way ie. Listening only, etc.)		
4	<u>Consistent with the PANS-ATM</u>	4.1	<i>Presence of relevant serviceable equipment on board the aircraft;</i>		

(Doc 4444), 4.4.1.4 and Appendix 2, Item 10, a communication or surveillance capability comprises the following elements; which can be considered while inspecting communication equipment:-	4.2	<i>Equipment and capabilities commensurate with flight crew qualifications; and</i>		
	4.3	<i>Relevant approvals from the appropriate authority (operational authorization 3.7 above)</i>		

Inspector's Comment/ Recommendation		
Inspector's name	Signature	Date

Chief Airworthiness' Comment/ Conclusion		
Inspector's name	Signature	Date