



U.S. Department of
Transportation
**Federal Aviation
Administration**

Advisory Circular

AmG-4000

Subject: **GUIDELINES FOR THE OPERATIONAL
USE OF LORAN-C NAVIGATION
SYSTEMS OUTSIDE THE U.S. NATIONAL
AIRSPACE SYSTEM (NAS)**

Date: 6/15/93

AC No: 90-92

Initiated by: AFS-430

Change: 1

1. PURPOSE. This Change corrects a graphical layout error in the original issuance of AC 90-92. The Change number and date of the changed material are carried at the top of the page.

2. PRINCIPAL CHANGES. The original issuance of AC 90-92 contained graphical errors on pages 17 and 18 of Appendix 1. These errors were related to LORAN-C NAS coverage diagrams.

PAGE CONTROL CHART

Remove Pages	Dated	Insert Pages	Dated
Appendix 1, page 17	2/5/93	Appendix 1, page 17	6/15/93
Appendix 1, page 18	2/5/93	Appendix 1, page 18	6/15/93

William J. White
Deputy Director, Flight Standards Service

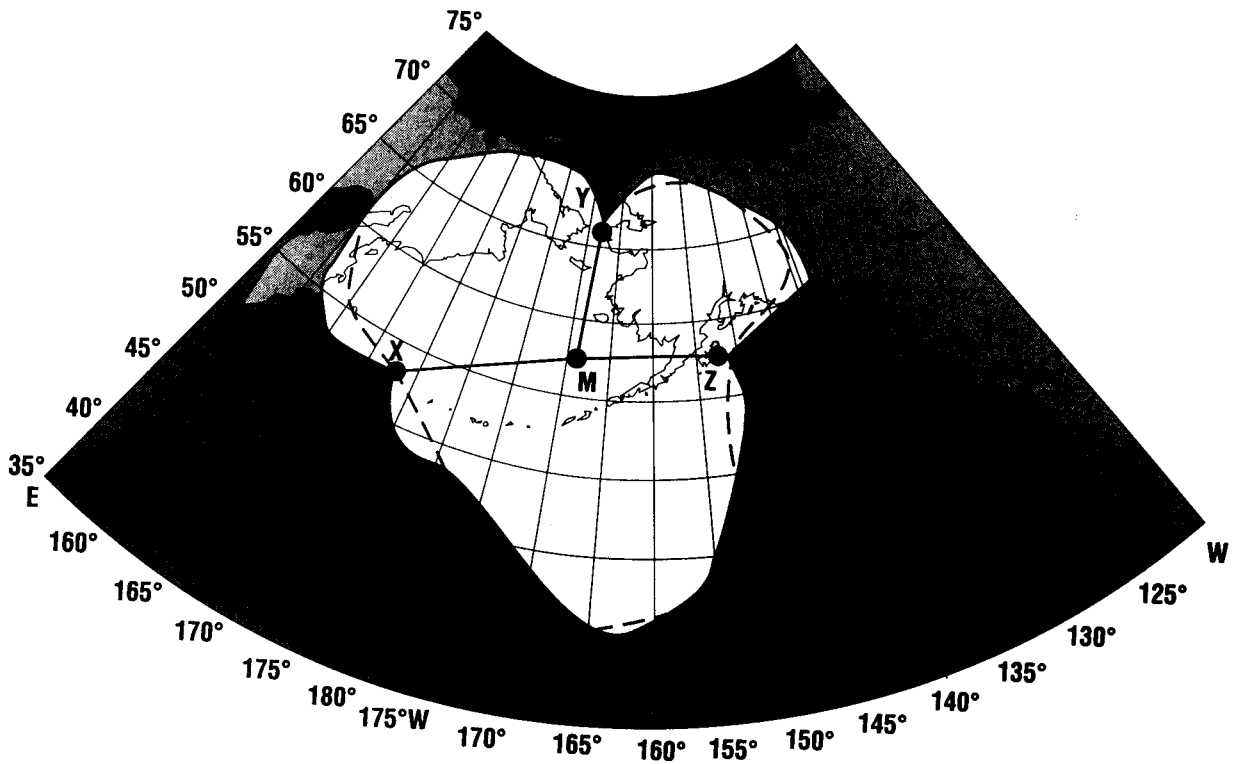
LORAN-C NAS COVERAGE DIAGRAM

Alaska - North Pacific Chain - 9990

ID	TRANSMITTER	POWER (KW)
M	Saint Paul	270
X	Attu Island	270
Y	Port Clarence	1000
Z	Narrow Cape	400

PARAMETERS

- Contour: SNR -10 db; GDOP 7,700 ft/ μ s
- NAS GDOP 4,200 ft/ μ s
- Average Atmospheric Noise: 53 db
- Surface to FL 600
- Flight Verified



LORAN-C NAS COVERAGE DIAGRAM

Alaska - Gulf of Alaska Chain - 7960

ID	TRANSMITTER	POWER (KW)
M	Tok	540
X	Narrow Cape	400
Y	Shoal Cove	540
Z	Port Clarence	1000

PARAMETERS

- Contour: SNR -10 db; GDOP 7,700 ft/ μ s
- NAS GDOP 4,200 ft/ μ s
- Average Atmospheric Noise: 53 db
- Surface to FL 600
- Flight Verified

