

TABLES FOR ARTILLERY METEOROLOGY (ELECTRONIC AND VISUAL) TYPE 2 MESSAGES

TABLE OF CONTENTS

	Page
CHAPTER 1.	
Introduction	1-1
Purpose and Scope	1-1
Time Zones, Global Octants, and Climatic Regions	1-1
CHAPTER 2.	
Meteorological Tables and Charts	2-1
<i>Section 1.</i>	
<i>General Tables and Charts for</i>	
<i>Meteorological Messages</i>	2-1
Description of Tables and Charts	2-1
Zone Structure of Atmosphere	2-1
Horizontal Distance Tables	2-2
Conversion of Wind Speed (Miles Per Hour to Knots)	2-65
Pressure Conversion (Inches of Mercury	
to Millibars)	2-76
Conversion of Pressure to Percent of Standard ...	2-77
Pressure to Contact Conversion	2-78
Relative Humidity	2-79
Table of Corrections used to Determine	
Virtual Temperature for Plotting	
Chart ML-574()	2-80
Conversion of Surface Density	
to Percent of Standard	2-85

		Page
<i>Section II.</i>	<i>Tables for Type 2 Ballistic Message for</i>	
	<i>Surface-to-Air Trajectories</i>	2-87
	General	2-87
	Weighted Density Tables (Type 2 Message)	2-87
	Weighted Wind Speed Tables (Type 2 Messages)	2-105
	Weighted Temperature Tables	
	(Type 2 Messages)	2-118
<i>Section III.</i>	<i>Departure Tables for Type 2 (Visual) Ballistic</i>	
	<i>Message for Surface-to-Air Trajectories</i>	2-139
	General	2-139

FIGURES

	Figure Number	Page
Time Zones, Global Octants, and Climatic		
Regions of the World	1-1	1-2
Zone Structure for Standard Heights	2-1	2-2
Meteorological Day (Ballistic Messages Using		
Departure Method).....	2-2	2-84

CHARTS

	Chart Number	Page
Conversion of Wind Speed (Miles Per		
Hour to Knots)	2-1	2-65
Pressure Conversion (Inches of Mercury		
to Millibars)	2-2	2-76
Conversion of Pressure to Percent of Standard ...	2-3	2-77
Relative Humidity.....	2-4	2-79
Conversion of Surface Density to		
Percent of Standard	2-5	2-85