

DEPARTURE TO AR 1				
	L.O. ALT	TO FUEL	FCST TD	
	TAKEOFF GROSS WEIGHT		ENDURANCE	
NO.	ITEM	TIME	FUEL	GROSS WEIGHT
1	ENROUTE TO ARCP 1	PAGE		
2	RESERVE			
3	(1 + 2) ENROUTE + RESERVE			
4	AIR DIST RECOVERY			
5	HOLDING AT _____			
6	DESCENT APP AND LANDING			
7	(3 + 4 + 5 + 6) SUB TOTAL			
8	IDENT EXTRA			
9	(7 + 8) TOTAL TAKEOFF			
10	TAXI			
11	(9 + 10) REQUIRED RAMP			
12	ACTUAL RAMP			
13	(12 - 11) STORED FUEL			
14	(4 + 5 + 6) REQUIRED AT ARCP			
15	MAX FORM ALT	REF ALT	AVG (3 & CFP)	
	MIN _____ X _____ = _____	PPM _____	FUEL _____	
	ITEM	FUEL ON BOARD	GROSS WEIGHT	
16	TAKEOFF			
17	(3 + 8 + 15) BURNOFF TO EXIT 1			
18	(16 - 17) AT EXIT W/O TRANSFER			
19	PLANNED TRANSFER			
20	(18 + 19) AFTER TRANSFER		PLANNED / ACT	

NO.	AR 1 EXIT TO AR 2 (When Applicable)				
21	EXIT GWT	CHG IN FL	△ CLIMB FUEL	L.O. FUEL	L.O. TEMP DEV
	HIGH ACC FLT LVL	LVL OFF ALT	LVL OFF GWT	TEMP DEV	ENDURANCE
	ITEM	TIME	FUEL	GROSS WEIGHT	
22	ENROUTE TO ARCP 2	PAGE			
23	RESERVE				
24	(22 + 23) ENROUTE + RESERVE				
25	△ CLIMB FUEL				
26	AIR DIST _____				
27	HOLDING AT _____				
28	DESCENT / APP AND LANDING				
29	(24 + 25 + 26 + 27 + 28) SUB TOTAL				
30	IDENT EXTRA				
31	(29 + 30) REQUIRED AT EXIT				
32	(20) PLANNED AT EXIT				
33	ACTUAL AT EXIT				
34	(32 - 31) STORED FUEL				
35	(26 + 27 + 28) REQUIRED AT ARCP 2				
36	MAX FORM ALT	REF ALT	AVG (24 & CFP)		
	MIN _____ X _____ = _____	PPM _____	FUEL _____		
	ITEM	FUEL ON BOARD	GROSS WEIGHT		
37	AFTER TRANSFER 1				
38	(24 + 25 + 30 + 36) BURNOFF TO EXIT 2				
39	(37 - 38) AT EXIT W/O TRANSFER				
40	PLANNED TRANSFER				
41	(39 + 40) AFTER TRANSFER 2			PLANNED / ACT	

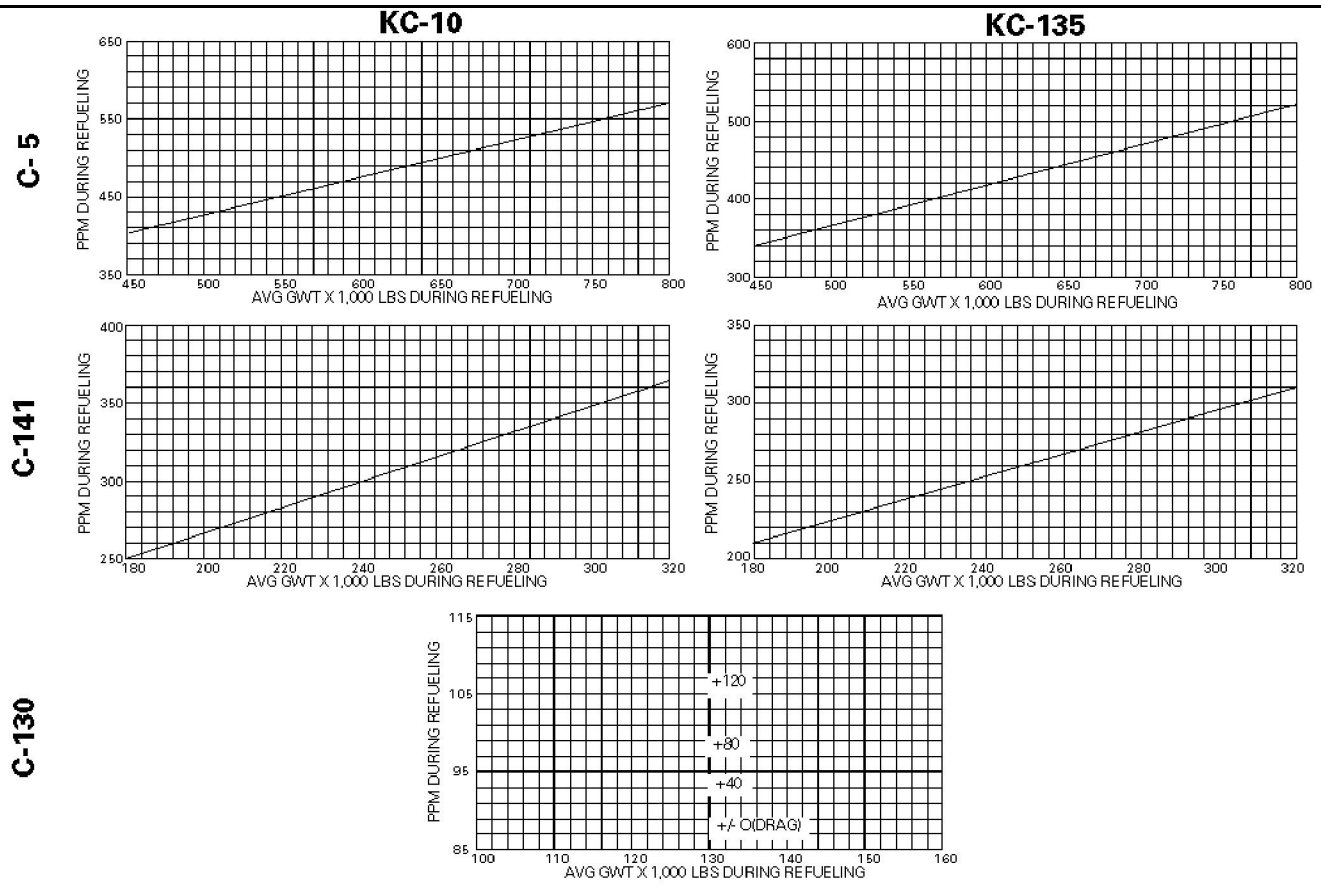
NO.	AR EXIT TO DESTINATION				
42	EXIT GWT	CHG IN FL	△ CLIMB FUEL	L.O. FUEL	L.O. TEMP DEV
	HIGH ACC FLT LVL	LVL OFF ALT	LVL OFF GWT	TEMP DEV	ENDURANCE
	ITEM	TIME	FUEL	GROSS WEIGHT	
43	ENROUTE TO OH / BDP	PAGE			
44	RESERVE				
45	(43 + 44) ENROUTE TO OH / BDP + RESERVE				
46	△ CLIMB FUEL				
47	AIR DIST _____				
48	HOLDING AT _____				
49	DESCENT / APP AND LANDING				
50	(45 + 46 + 47 + 48 + 49) SUB TOTAL				
51A	IDENT EXTRA				
51B	STORED FUEL				
52	(50 + 51A + 51B) REQUIRED AT EXIT				
53	(20 OR 41) PLANNED AT EXIT				
54	ACTUAL AT EXIT				
55	(53 - 52) UNIDENTIFIED EXTRA				
56	(47 + 48 + 49) REQUIRED AT DEST				
57	(45 + 46 + 49 + 51A) BURNOFF TO DEST				
58	(53 - 57) LANDING FUEL				
	NAME	DATE	OPERATING WEIGHT		
	AIRCRAFT NUMBER	MISSION NUMBER	CARGO/PASSENGER WT		
	CPF NO. AND PROFILE	TIME WINDS VALID	RAMP FUEL		
	DEPARTURE	DESTINATION	RAMP WEIGHT		
	L.O. TEMP DEV	HIGHEST ACC FLT LVL	TAKEOFF FUEL	TAKEOFF WEIGHT	

AF IMT 4052, 19990301, V2

Replaces (AMC & AETC) MC Form 39, Apr 96 and AFSOC 22, Jan 93 which are obsolete.

C-141 / C-130 / C-5 REFUELING COMPUTATION

	AR NUMBER 1	AR NUMBER 2
PRIMARY / SECONDARY AR FREQUENCY	/	/
RADAR BEACON CODE		
AIR TO AIR TACAN CHANNEL		
BLOCK ALTITUDE FOR TRACK		
RADIO CONTACT MESSAGE		
CALL SIGNS	TANKER	TANKER
RECEIVER		
A. INITIAL RELAY TO TANKER		
1. ETA TO ARCP		
2. PRESENT ALTITUDE / FLIGHT LEVEL		
3. RENDEZVOUS ALTITUDE		
4. NUMBER OF RECEIVERS		
5. ALTERNATE RENDEZVOUS MEANS		
6. POSITIVE ID ESTABLISHED		
B. RECEIVED FROM TANKER		
1. AIR REFUELING ALTITUDE		
2. ALTIMETER SETTING		
3. OFFLOAD		
4. RENDEZVOUS / REFUELING HEADING		
5. DRIFT INBOUND		
6. WEATHER		
7. NUMBER OF TANKERS		
C. SECONDARY RELAY TO TANKER		
1. INBOUND TRACK		
2. DRIFT		
3. TAS FOR RENDEZVOUS		
4. TURN RANGE		
5. OFFSET		
6. CLEARANCE RQRD AT END AR		



TIME							
GROSS WT							
PAGE NUMBER							
CURRENT ALT							
FUEL REM							
O / H FUEL							
DIFF							
FUEL ETE							
ETE DEST							
EXTR TIME							