	D		NO.	AR 1 EXIT TO AR 2 (When Applicable)						NO.		AR EXIT TO	AR EXIT TO DESTINATION							
	L.O. ALT TO FUEL		FCST TD	FCST TD		21	EXIT GWT	CHG IN FL	CLIMB FUEL	L.O. FUEL	L.O. TEMP DEV	V	42	EXIT GWT	CHG IN FL	CLIMB FUEL	L.O. FUEL	L.O. TEMP DEV		
	TAKEOFF GROSS WEIGHT	AKEOFF GROSS WEIGHT ENDURANCE					HIGH ACC	LVL OFF ALT	LVL OFF GWT	TEMP DEV	ENDURANCE			FIGH ACC	LVL OFF ALT L	VL OFF GWT	TEMP DE\	/ ENDURANCE		
NO.	ITEM	TIME	FUEL	GROSS WEIGHT	1		ITEM		TIME	FUEL	GROSS WEIGHT			ITEM		TIME	FUEL	GROSS WEIGHT		
1	ENROUTE TO PAGE					22	ENROUTE TO ARCP 2	ENROUTE TO PAGE					43	ENROUTE TO PAGE						
2	RESERVE	RVE			23	RESERVE						44	RESERVE							
3	(1 + 2) ENROUTE + RESERVE			24	(22 + 23) ENROUTE + RESERVE						45	(43 + 44) ENROUTE TO OH / BDP + RESERVE								
4	AIR DISTRECOVERY			25	CLIMB FUEL						46 CLIMB FUEL		UEL							
5	HOLDING AT	IOLDING AT			26	AIR DIST						47	AIR DIST							
6	DESCENT APP AND LANDING				27	HOLDING AT						48	HOLDING AT							
7	(3 + 4 + 5 + 6) SUB TOTAL				28	DESCENT / APP AND LANDING						49	DESCENT / APP AND LANDING							
8	IDENT EXTRA					29	(24 + 25 + 26 + 27 SUB TOTAL	+ 28)					50	(45 + 46 + 47 + SUB TOTAL	48 + 49)					
9	(7 + 8) TOTAL TAKEOFF					30	IDENT EXTRA						51A	IDENT EXTRA						
10	TAXI					31	(29 + 30) REQUIRED AT EXIT						51B	STORED FUEL						
11	(9 + 10) REQUIRED RAMP					32	(20) PLANNED AT EXIT						52	(50 + 51A + 51B) REQUIRED AT EXIT						
12	ACTUAL RAMP					33	ACTUAL AT EXIT						53 (20 OR 41) PLANNED AT EXIT		EXIT					
13	(12 - 11) STORED FUEL					34	(32 - 31) STORED FUEL						54	ACTUAL AT E	KIT					
14	(4 + 5 + 6) REQUIRED AT ARCP					35	(26 + 27 + 28) REQUIRED AT AR	CP 2					55	(53 - 52) UNIDENTIFIED	EXTRA					
	MAX FORM ALT	REF ALT		AVG (3 & CFP)			MAX FORM ALT		REF ALT		AVG (24 & CFP)		56	(47 + 48 + 49) REQUIRED AT	DEST					
15	MIN PPM	MIN PPM FUEL			36	MIN PPM		FUEL				57	(45 + 46 + 49 + BURNOFF TO	- 51A) DEST						
	x=						x	=				58	(53 - 57) LANDING FUE							
16	TAKEOFF	FUEL ON BOA	RD GRO	OSS WEIGHT	▎┌→	37	AFTER TRANSFER 1						NAME	2412410102	-	DATE		OPERATING WEIGHT		
17	(3 + 8 + 15) BURNOFF TO EXIT 1					38	(24 + 25 + 30 + 36) BURNOFF TO EXIT 2						AIRCRAFT NUMBER			MISSION NUMBER		CARGO/PASSENGER W		
18	(16 - 17) AT EXIT W/O TRANSFER				39	(37 - 38) AT EXIT W/O TRANSFER						CPF NO. AND PROFILE			TIME WINDS	VALID	RAMP FUEL			
19	PLANNED TRANSFER				40	PLANNED TRANSFER						DEPART	URE		DESTINATIO	N	RAMP WEIGHT			
20	(18 + 19) PLANNED / ACT AFTER TRANSFER		/ ACT	H	41	(39 + 40) AFTER TRANSFE	R 2		PLANNEI	D/ACT		L.O. TEM	IP DEV	HIGHEST ACC FLT LV	TAKEOFF FU	IEL	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

CORRECTED COPY

AR NUMBER 1 AR NUMBER 2				KC-10									KC-135												
PRIMARY / SECONDARY AR FREQUENCY				, ⁶⁵⁰ H				\mathbb{H}					Е	600					Ħ	\mathbf{H}	Ŧ	\mathbf{H}	Н	\mathbf{H}	\blacksquare
RADAR BEACON CODE														REFUELING											
AIR TO AIR TACAN CHANNEL			<u>ا</u> 10	ig Rei										ig RE											\pm
BLOCK ALTITUDE FOR TRACK			ျပ	DURING 450										- SURING 400					++1					+	#
RADIO CONTA	ACT MESSAGE			Ma I										PPM				ш	ш				\Box	##	坩
CALL SIGNS	TANKER	TANKER						##										-	Ш			+	+		${}^{\dag \dag}$
RECEIVER				450	500	550 AVG GVA	л х 1,000	LBS DUF	50 RING RE	700 FUELING	3	50	800	300	150	500	550 AVG G		600	6	50	700		750	80
A. INITIAL RELAY TO TANKER				400		Ш	Ш	\Box	Ш	Ш	Ш	Ш	П	350	Ш	Ш	Ш	Ш	Ш	Ш	Ш	\Box	Ш	Ш	Ш
1. ETA TO ARCP														S LING											#
2. PRESENT ALTITUDE / FLIGHT LEVEL			7	REFUELING										REFUELING 88								Ш			
3. RENDEZVOUS ALTITUDE			C-14	<u>8</u>										ING R			$^{++}$		Н			++1	\mathbf{H}	+	${}^{+}$
4. NUMBER OF RECEIVERS			0	DURING!										5 1 2 50 2 50											丑
5. ALTERNATE RENDEZVOUS MEANS				¥										₽					Ш					##	\mp
6. POSITIVE ID ESTABLISHED				250 180	200	220	240 T X 1,000 I	DO DUD	260	280	30	00	320	200 18	30	200	220	WT X 1	40	26		280	3	:00	320
B. RECEIVED FROM TANKER						AVG GVV	1 × 1,000 1	-69 DOM	IIIVO NEI	FOELING	,						AVG	MALVI	OW L	33 DOF	יח טאווי	EFUELI	NG		
1. AIR REFUELING ALTITUDE								//	115		Н	$\overline{\mathbf{H}}$	Ш	Ш		+++	Н	H							
2. ALTIMETER SETTING								SINI ISI ISB						+120				₽							
3. OFFLOAD			130											H				Ħ							
4. RENDEZVOUS / REFUELING HEADING			C-1					n alland						+80				Ħ							
5. DRIFT INBOUND			~					Z Mad	95			+		+40		Ш		\blacksquare							
6. WEATHER								_	85 10					+/- U	(DRAG)			Ш							
7. NUMBER OF TANKERS									10	0	110 AVG	120 GWTX	1,000 LE	130 38 DUR	140 ING RE	1! FUELING	50	160							
C. SECONDARY RELAY TO TANKER			TIME																						
1. INBOUND TRACK			l	SS WT																					
2. DRIFT				E NUMBER RENT ALT																					
3. TAS FOR RENDEZVOUS			FUEL	REM																					
4. TURN RANGE			O/H DIFF	FUEL																					
5. OFFSET				. ETE																					
			ETE [DEST																					
6. CLEARANCE RQRD AT END AR AF IMT 4052, 19990301, V2 (REVERSE)			EXTR	RTIME																					