

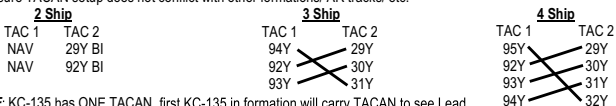
MIXED CELL KC-10 & KC-135

- KC-135: Has 1 UHF and 2 radios that can be used for either VHF or UHF
- KC-135: Takeoff Mode:
 1. Climb to 2000ft
 2. Reduce VVI to 1000 FPM, Retract Flaps
 3. Accelerate to Briefed Climb Speed
 4. Climb at Climb Speed **AND** maintain briefed VVI

□ Tanker Lights:	KC-10		KC-135
LD	Red/Red	(KC-10s use <u>SEQ</u>	Red/Red & Bright/Flash
2	White/White	when not acting as tanker)	White/White & Bright/Steady
3	Red/White		Red/White & Bright/Flash
4	Red/Red		Red/Red & Bright/Steady

TACAN SETUP

- Ensure TACAN setup does not conflict with other formations/ AR tracks/ etc.



NOTE: KC-135 has ONE TACAN, first KC-135 in formation will carry TACAN to see Lead

SUGGESTED CLIMB RATES

<u>KC-10</u>	<u>KC-135</u>	
Above 450K = 1500 FPM	BELOW 10,000':	Above 225K = 1500 FPM
350K-450K = 2000 FPM		170K-225K = 2000 FPM
Below 350K = 3000 FPM		Below 170K = 3000 FPM
Above 450K = 1000 FPM	ABOVE 10,000':	Above 225K = 1500 FPM
350K-450K = 1500 FPM		170K-225K = 2000 FPM
Below 350K = 2000 FPM		Below 170K = 3000 FPM

LOST WINGMAN

These procedures are to be used when both visual or radar contact cannot be maintained AND altitude separation cannot be assured. When contact is lost, IMMEDIATELY transition to instruments, inform lead AND:

- LEAD** Acknowledge lost wingman, establish reference heading and altitude.
- #2 Aircraft** Wings-level: Turn 15° away, maintain for 15 seconds, then resume course
Outside Turn: Roll wings level, continue wings level heading to ensure separation
Inside Turn: Maintain established bank angle, slow 10 KIAS
- #3-4 Aircraft** Wings-level: Turn 30 ° away, maintain for 30 seconds, then resume course
Outside Turn: Reverse direction of turn for 15 seconds
Inside Turn: Maintain established bank angle, slow 20 KIAS

TRAIL to ECHELON

- LEAD:** - Maintain base altitude, speed, and bank
- #2 Aircraft (5/5/5):** - Turn 5° right using 5° bank, +5 kias until in position
- #3 Aircraft (10/10/10):** - Turn 10° right using 10° bank, +10 kias until in position
- #4 Aircraft (15/15/15):** - Turn 15° right using 15° bank, +15 kias until in position

RECEIVER POST-AR

- Establish TRAIL formation 60° 2NM LEFT of lead Tanker
- Ensure altitude separation before next aircraft maneuvers
- Only move one axis at a time (descend first, then move laterally)

EMCON SIGNALS

DAY-VMC	NIGHT-VMC	IMC
- Wing Rock	- High Intensity Lights	- TCAS "Ident"
- Beacon Lights	- Beacon Lights	(IFF – TA only, ATC – Off, BCST – Off,
- Landing Lights (to signal LEAD)	press IFF ident switch to send signal)	

FORMATION ARRIVAL / OVERHEAD

Position	Break	Wings Level	Downwind	Abeam TDZ
LEAD	0/EXT	22/EXT	Vmm + 10	Gear
Number 2	15/EXT	22/EXT	Vmm + 10	Gear
Number 3	22/EXT	---	Vmm	Gear
Number 4	22/EXT	Gear	Vmm	---

NOTE:

* KC-10 are not authorized multiple aircraft on runway operations