

# Appendix N: RAAF SAR Equipment and Aircraft Capabilities

## Minimum Requirements for Holdings of Search and Rescue Equipment at RAAF Bases

BASE	ASRK See Note 1	RAFTS See Note 2	SDB See Note 3	HELI - BOXES	SALCOM RADIOS See Note 4
Amberley	4	0	3 Sets	6	0
Darwin (See note 5)	0	0	0	0	0
East Sale	0	2	1 Set	0	0
Edinburgh	8	0	4 Sets	6	16
Pearce	3	2	3 Sets	6	2
Richmond	8	0	6 Sets	6	16
Tindal	0	2	1 Set	0	0
Townsville	2	0	3 Sets	6	2
Williamtown	0	2	1 Set	0	0

### Notes:

1. Except for the Air Sea Rescue Kits (ASRK) kept at Edinburgh, all are to be rigged for C130 Drop.
2. The droppable rafts are to be 10 man rafts rigged for air dropping from Helicopters, as backup for occasions where the helicopters cannot winch all survivors in one sortie.
3. Each set of SAR Datum Buoys consists of 4 buoys, which transmit on different frequency pairs.
4. In addition to the radios specified, each ASRK is to contain two radios per raft.
5. Darwin SAR Store has been disestablished with the redeployment of the Caribou detachment.

## Aircraft Drop Capabilities

ACFT TYPE	BASE	ASRK (5)	ASRK (4)	HELI - BOXES	SDB
C130H	Richmond	YES		YES	YES
C130J	Richmond	YES		YES	YES
DHC4	Amberley Townsville Pearce	YES		YES	YES
P3C	Edinburgh		YES	YES	YES

### Notes:

1. C1320H AND C130J deliver a standard five unit ASRK, consisting of two x 10 man rafts in separate valises joined by waxed rope to three marine supply containers. The 10man RFD rafts will be replaced by 8man Switlik rafts.
2. Each ASRK contains three marine supply containers, which are packed with stores to suit prevailing requirements. The kit is delivered 50m upwind of the target and covers a distance of 500m with a raft at each end and equidistant supply containers between.
3. The P3C uses a similar ASRK, but with four units. The ASRK, comprising two 8man Switlik rafts, separated by two marine supply containers and 500m of rope, are positioned 50m upwind of the target by bomb bay delivery. P3Cs also heliboxes, SAR datum buoys and sonobuoys. As a last resort, they can deliver the aircraft raft via the main door. P3s are not cleared for single unit deliveries.