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## Parachute Recovery Systems Design Manual, Chapters 1 through 4 Offprint.

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**Corporate Author :** NAVAL WEAPONS CENTER CHINA LAKE CA

**Personal Author(s) :** Knacke, T W

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**Abstract :** This manual provides the recovery system engineer in Government and industry with tools to evaluate, select, design, test, manufacture, and operate parachute recovery systems. These systems range from simple, one-parachute assemblies to multiple-parachute systems, and may include equipment for impact attenuation, flotation, location, retrieval,

and disposition. All system aspects are discussed, including the need for parachute recovery, the selection of the most suitable recovery system concept, a computerized approach to parachute performance, force and stress analysis, geometric gore design, component layout, material selection, system design, manufacturing, and in-service maintenance.

**Descriptors :** \*AIR DROP OPERATIONS , \*CARGO PARACHUTES , \*PARACHUTES , AERODYNAMICS , DECELERATION , EJECTION SEATS , ESCAPE SYSTEMS , MANUALS

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Gliders and Parachutes  
Military Operations, Strategy and Tactics

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8725 John J. Kingman Road, Fort Belvoir, VA 22060-6218

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