

Legacy Seating

Proven Combat Performer for Military Aviators of the World



Since the introduction of the first successful military crashworthy crew seat in the UH-60 Black Hawk in 1977, we have earned the reputation as a pioneer in aerospace crash safety and combat survivability. Building upon our legacy brand, Simula, the BAE Systems team is dedicated to providing innovative, life-saving products to the rotocraft market.

KEY FEATURES

- Qualified based on MIL-S-58095A
- Accommodates 5th-percentile female to 95th-percentile male
- Meets MIL-STD-810 environmental testing requirements

From military folding troop seats to FAA-certified lightweight crew and passenger seats to Presidential VIP seating, BAE Systems is the provider of choice for the world's helicopter operators. The legacy seats are crashworthy and include armored options for military crew seating applications.

UNPARALLELED PERFORMANCE AND PROTECTION

STANDARD FEATURES

- Crashworthy
- Armored bucket provides 30-cal AP ballistic protection
- 5-point restraint
- MA-16 inertia reel
- Vertical adjustment
- Horizontal adjustment
- Headrest

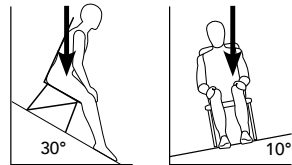
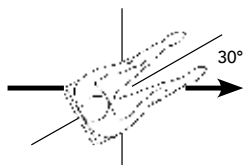
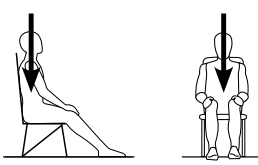
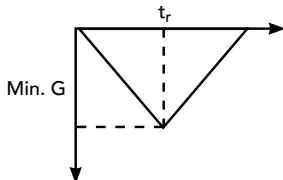
OPTIONAL FEATURES

- Variable load energy absorber
- Ballistic protection up to 50-cal AP
- Lightweight, unarmored bucket
- Armored wing panels
- Adjustable armrest
- Swivel

SEAT MATRIX

							
Part Number	100900	100800	102330	101600	109800	104230	108300
Application	UH-60A/L Black Hawk	AH-64 Apache	SH-60/MH-60R Seahawk	V-22 Osprey	AH-1Z Cobra	AW101 Merlin	AW101 Merlin
Weight	116 lb (52.6 kg)	141 lb (64 kg)	47 lb (21 kg)	90 lb (41 kg)	101 lb (46 kg)	54 - 59 lb (24.9 - 26.8 kg)	117 lb (53 kg)
Qualification	MIL-Std-58095	MIL-Std-58095	MIL-Std-81771	MIL-Std-58095A	MIL-Std-81771	DEF-STAN-970	DEF-STAN-970
Features	<ul style="list-style-type: none"> – Armored – Floor mounted 	<ul style="list-style-type: none"> – Armored – Bulkhead mounted – Variable-load energy absorber available 	<ul style="list-style-type: none"> – Unarmored – Uparmor kit available – Floor mounted 	<ul style="list-style-type: none"> – Armored – Variable-load energy absorber – Bulkhead mounted – Adjustable armrest 	<ul style="list-style-type: none"> – Armored – Variable-load energy absorber – Bulkhead mounted 	<ul style="list-style-type: none"> – Unarmored – Variable-load energy absorber – Floor mounted – Restraint emergency release – Swivel base available 	<ul style="list-style-type: none"> – Armored – Variable-load energy absorber – Floor mounted – Restraint emergency release – Armored wing panel available

TYPICAL DYNAMIC TEST CONDITIONS

TEST 1		TEST 2		TEST 3		Min G/t _r	
							
Parameter	Limits	Parameter	Limits	Parameter	Limits		
Min. V m/sec (ft/sec)	15.2 (50)	Min. V m/sec (ft/sec)	15.2 (50)	Min. V m/sec (ft/sec)	12.8 (42)		
Max. tr/sec	0.043	Max. tr/sec	0.066	Max. tr/sec	0.0366		
Min. G	46	Min. G	28	Min. G	46		