

FS/DOI AM A-16: ACCESSORY CONNECTOR PIN ASSIGNMENTS
Griffith Bucket (7 wire)

Pin	MS 3101E-24-11S (Helicopter)	MS 3107B-24-11P (Bucket)	
	Function	Function	
A	Up limit relay coil	Up limit switch	(Green)
B	Up switch	Up limit switch	(White #16)
F	28VDC/Ground (up)	28VDC/Ground (up)	(White #12)
G	Down limit relay coil	Down limit switch	(Red #16)
H	Ground/28VDC (down)	Ground/28VDC (Down)	(Black #12)
I	Down switch	Down limit switch	(Black #16)

Sims Bucket (3 wire)

Pin	MS 3101E-24-11S (Helicopter)	MS 3107B-24-11P (Bucket)	
	Function	Function	
B	28VDC/Ground	28VDC/Ground	(Green)
G	Ground (close)	Ground (close)	(White)
I	28VDC (open)	28VDC (open)	(Black)

Sims Bucket (8 wire)

Pin	MS 3101E-24-11S (Helicopter)	MS 3107B-24-11P (Bucket)	
	Function	Function	
A	28VDC (Open)	28VDC (Open)	(White/Black)
D	Ground	System Ground	(Blue/Green)
F	28VDC	System Power	(White, Red, Black)
H	Indicator light	Indicator light return	(Red/Black)
I	28VDC (Close)	28VDC (Close)	(Orange)

Chadwick Bucket (2 wire)

Pin	MS 3101E-24-11S (Helicopter)	MS 3107B-24-11P (Bucket)	
	Function	Function	
B	28VDC/Ground (Open)	28VDC/Ground (Open)	
H	Ground/28VDC (Close)	Ground/28VDC (Close)	

Brackett Carousel/Chadwick Bucket (3 wire)

Pin	MS 3101E-24-11S (Helicopter)	MS 3107B-24-11P (Bucket)	
	Function	Function	
C	28VDC Reset/bucket (close)	28VDC Reset/bucket (close)	
D	Airframe Ground	System Ground	
E	28VDC Hook/bucket (open)	28VDC Hook/bucket (open)	

Simplex Helitorch, Bambi Bucket, Remote Hook, And Seeders (2 wire)

Pin	MS 3101E-24-11S (Helicopter)	MS 3107B-24-11P (Bucket)	
	Function	Function	
D	Airframe Ground	System Ground	
E	28VDC (bucket open)	28VDC Bucket/Hook Open-Torch/Seeder on	