

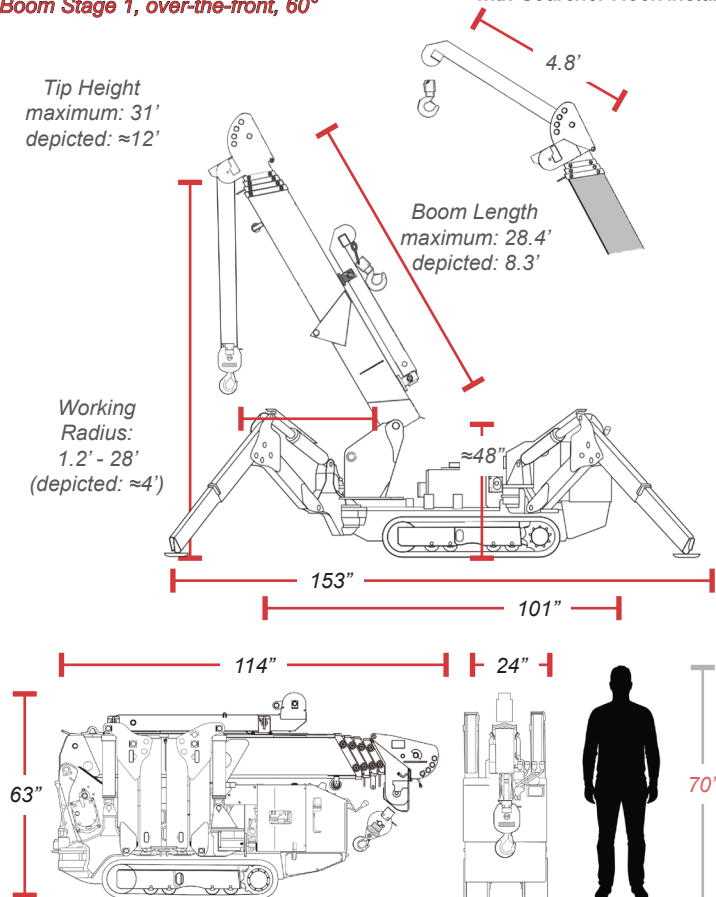
Nominal Deployment
MAX-EXT Outriggers
Boom Stage 1, over-the-front, 60°

Boom Stage 2, 60°, Jib Tilt 40°, with Searcher Hook installed

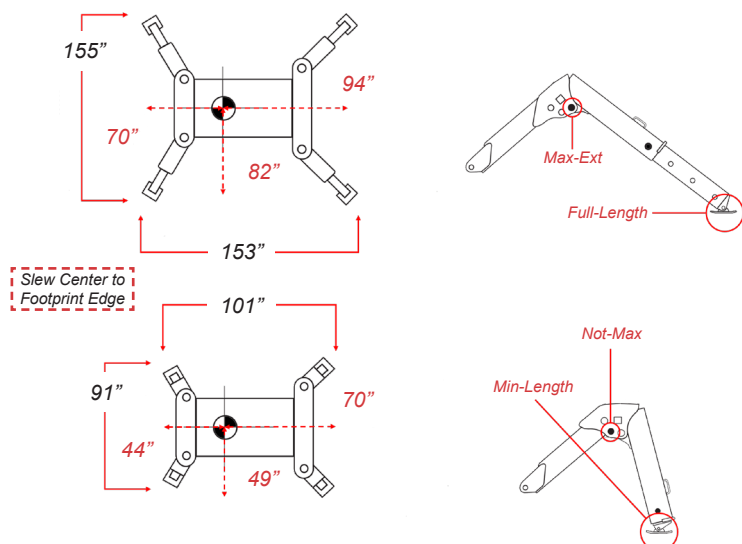
Tip Height
maximum: 31'
depicted: ≈12'

Boom Length
maximum: 28.4'
depicted: 8.3'

Working
Radius:
1.2' - 28'
(depicted: ≈4')



Deployment Footprints



SPECIFICATIONS

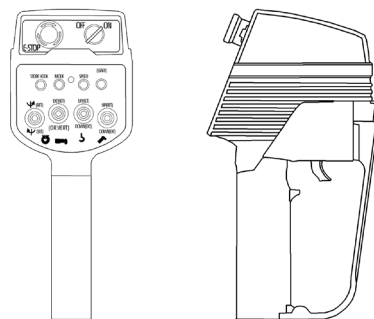
System Working Weight	4,330 lbs (1964 kg) (gas/propane powerplant)	
Max Rated Capacity	1,990 lbs (903 kg) (2-Part)	1,630 lbs (739 kg) (1-Part)
Working Radius	3' - 27.6' (.91M - 8.4M)	
Wire Rope	155' (54M) of 5/16" (8mm) 6x26 (WS) IWRC	
Winch Speed	66' (20M) per minute (at 4th layer w/ 1-Part)	
Boom Type	Five-section hexagonal, hydraulic	
Telescope Speed	20' (6.12M) in 20 seconds	
Angle Speed	0°-78° in 11 seconds	
Slew Speed	1.5 rpm, continuous rotation	
Max Travel Speed	1.43 mph (2.3km/h) (gasoline, wot)	
Travel Grade/Limits	20° fore-aft, 5° side-side, 3° side-side (off road)	

FEATURES

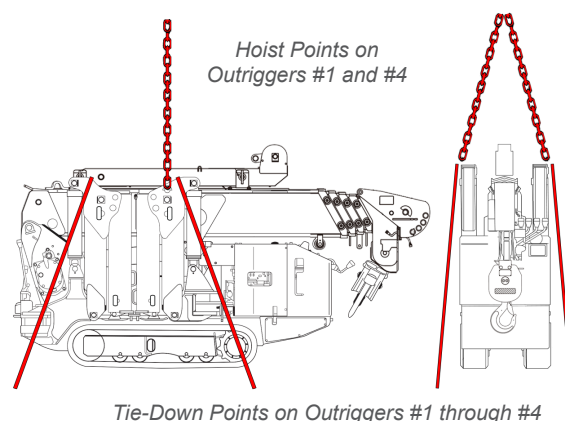
Integrated computer controller	On-board toolkit
Load weight gauge	Integrated hydraulic holding valves and self-braking motors
Wireless remote controller	Real-time stability monitoring
Progressive, infinitely-variable controls	Quick-install jib system
Selectable-length and -geometry outriggers	Two-block and minimum-wire rope detection and prevention
Multiple transport options	Rough terrain travel capability

Remote Controller

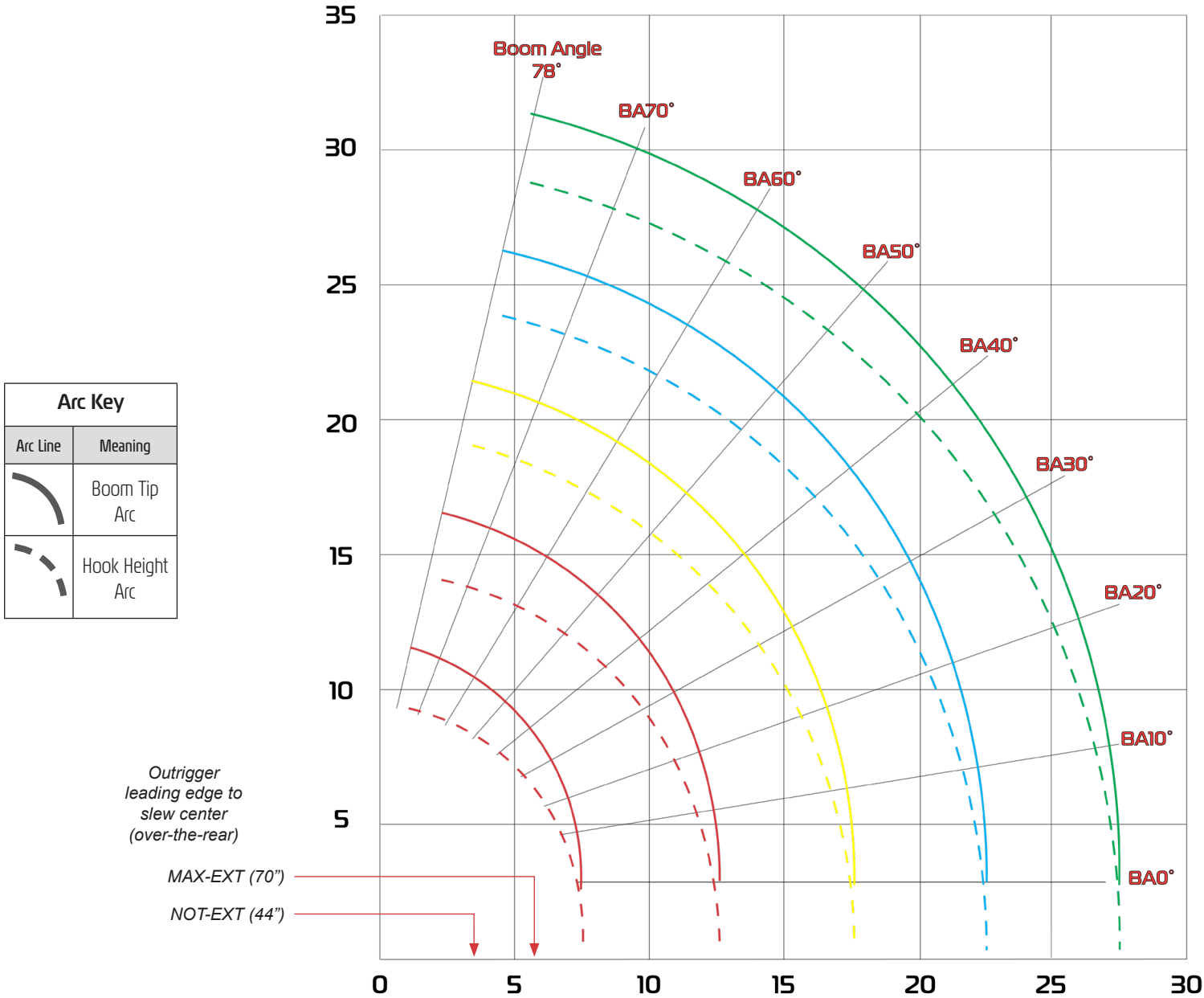
- 458-459 MHz
- ≈330' range)
- Designed for one-hand operation
- Powered by four AAA batteries (10 hours of use)
- Progressive-control action trigger



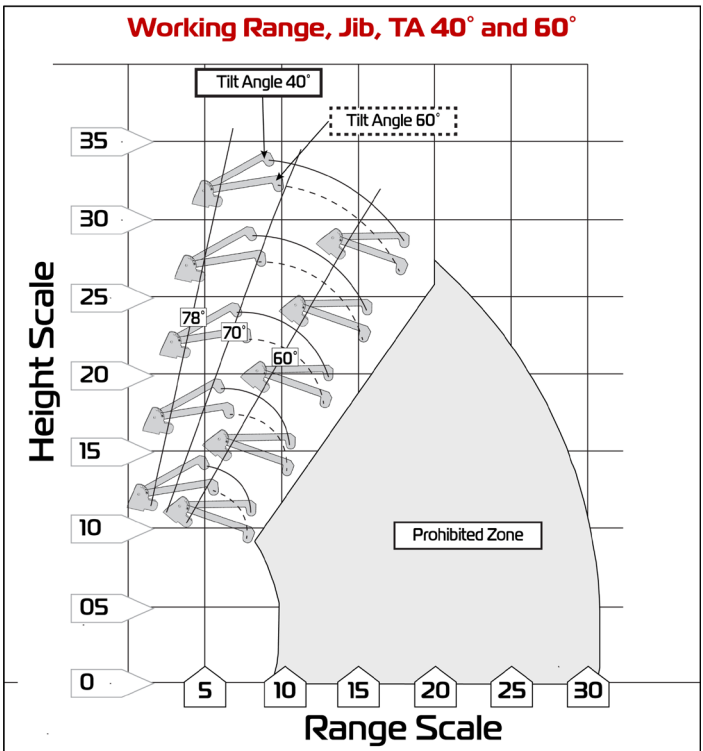
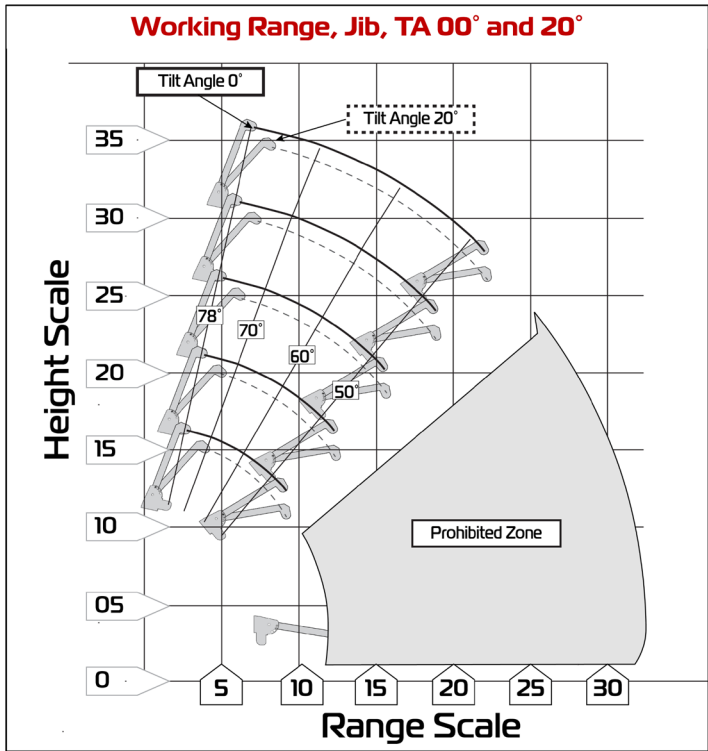
Transport Options



Working Range, Boom

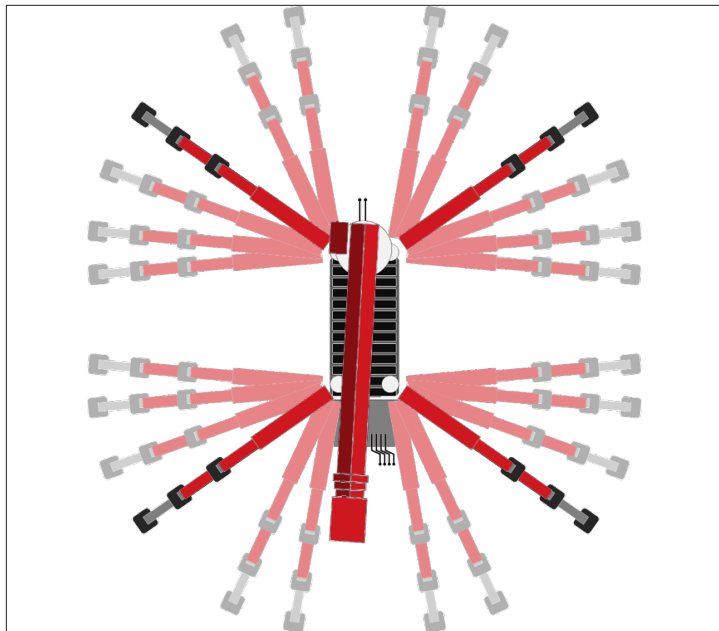


Working Range, Jib

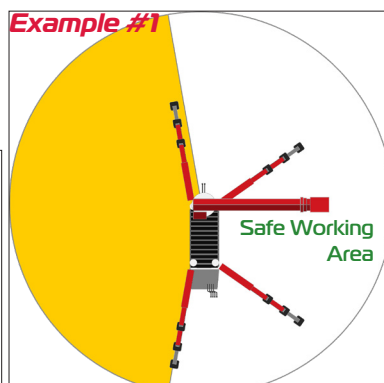


Selectable-Geometry Outriggers

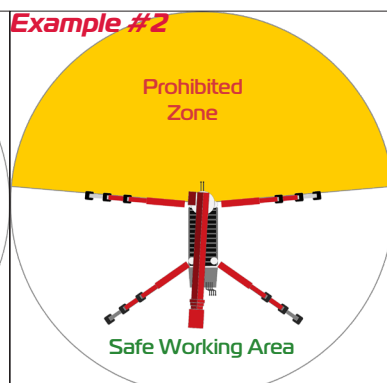
Your SPYDERCRANE is equipped with selectable-geometry outriggers, allowing you to deploy it into limited-access/restricted-geometry environments at the cost of limiting its safe working radius.



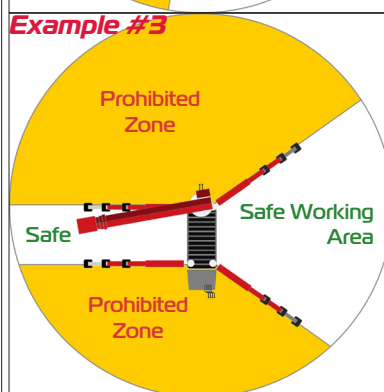
Example #1



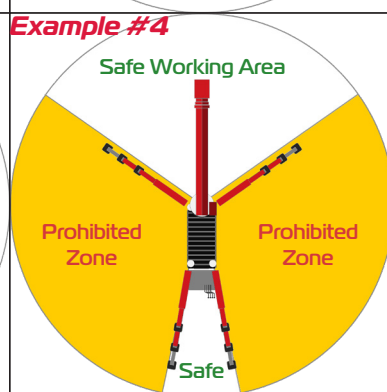
Example #2



Example #3



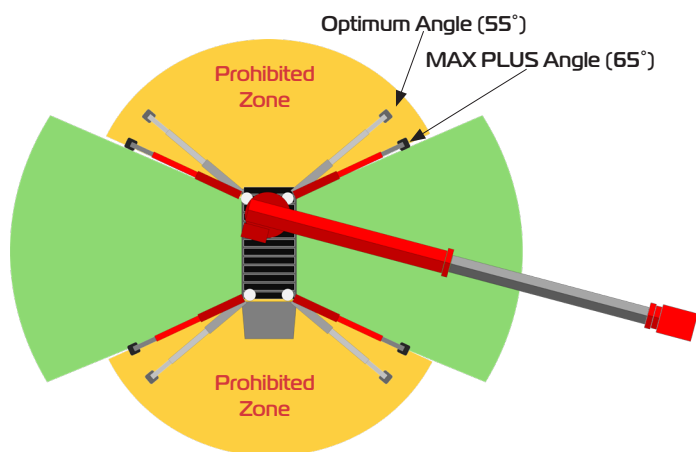
Example #4



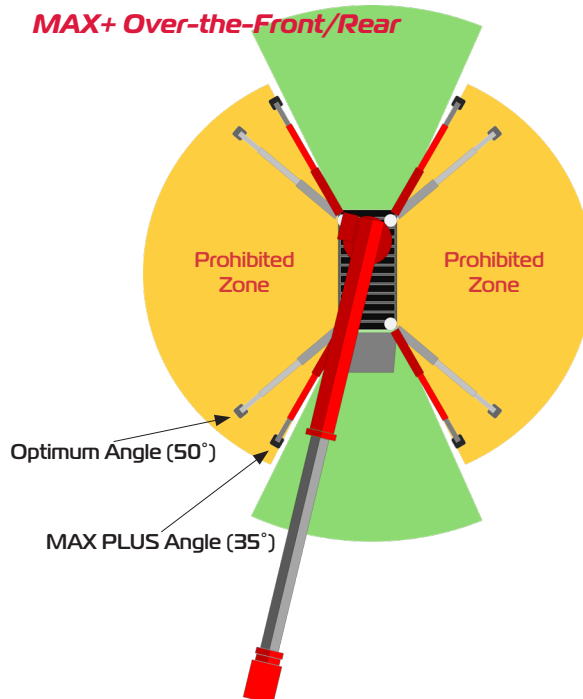
Max+ Deployment State

Increase your SPYDERCRANE's rated load capacity along a single-axis by using specific outrigger deployment angles at MAX-EXT

MAX+ Over-the-Side



MAX+ Over-the-Front/Rear



Load Chart, Boom, 2-Part Hook Block

BOOM STAGE 1 AND 2	Deployment State	Working Radius (feet)											
		3.0	4.5	5.0	6.0	7.0	8.0	10.0	11.0	12.58			
	MAX+	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990		
	MAX-EXT	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990		
	NOT-EXT	1990	1990	1990	1990	1990	1600	1100	950	600			
BOOM STAGE 3		4.5	6.0	7.0	8.0	9.5	10.0	11.0	12.0	14.0	15.0	17.62	
	MAX+	1990	1990	1990	1990	1990	1990	1990	1990	1990	1920	1560	
	MAX-EXT	1990	1990	1990	1990	1990	1990	1990	1990	1900	1660	1120	
	NOT-EXT	1850	1850	1850	1550	1250	1150	1000	850	600	550	300	
BOOM STAGE 4		8.0	10.0	11.0	12.5	13.0	15.0	16.0	17.0	18.0	20.0	22.61	
	MAX+	1990	1990	1990	1950	1810	1480	1390	1320	1250	1150	1010	
	MAX-EXT	1990	1990	1990	1950	1810	1460	1310	1180	1060	900	700	
	NOT-EXT	1000	1000	1000	800	750	600	510	450	370	280	200	
BOOM STAGE 5		11.0	12.5	13.5	15.0	16.0	18.0	19.0	21.0	23.0	25.0	27.59	
	MAX+	1280	1280	1280	1050	940	830	810	750	700	650	610	
	MAX-EXT	1280	1280	1280	1050	940	810	760	650	570	490	390	
	NOT-EXT	850	850	700	600	530	420	380	300	220	180	130	

Load Charts, Jib

Jib and Searcher Hook					
Working Radius	MAX-EXT	NOT-MAX	Working Radius	MAX-EXT	NOT-MAX
12.5	1560	560	12.5	1120	560
13.0	1560	460	13.0	1010	460
15.0	1060	330	15.0	870	330
16.0	940	280	16.0	740	280
18.0	740	190	18.0	670	190
20.0	570	120	20.0	570	120
21.0	520	110	21.0	210	110
23.0	410	Prohibited Zone	23.0	410	Prohibited Zone
26.0	310		26.0	310	
27.5	240		30	220	
			32.5	130	

Jib and 1-Part Hook Block														
Boom Stage 1-4					Boom Stage 5									
Boom Angle	0°	20°	40°	60°	Boom Angle	0°	20°	40°	60°					
78°	1580	1580	1580	1580	78°	920	920	920	920					
75°	1580	1580	1580	1580	75°	920	920	920	920					
70°	1580	1580	1580	1580	70°	920	920	920	920					
65°	1140	1140	1140	1140	65°	590	590	590	590					
60°	810	810	810	810	60°	480	480	480	480					
55°	590	590	Prohibited Zone		55°	370	370	Prohibited Zone						
50°	480	480			50°	260	260							
40°	Prohibited Zone				40°	Prohibited Zone								
30°														
20°														
10°														
0°														