

BORKUM RIFFGRUND 01

HLD IDENTIFICATION
BKR-Z01 WINDFARM

ICAO IDENTIFIER
EDYB

OSS SIDE IDENTIFICATION
BKR-Z01

FIXED NORMALLY UNATTENDED INSTALLATION
BORKUM RIFFGRUND 1 OFFSHORE WINDPARK A/S GMBH & CO.OHG

HLD REFERENCE POINT

N 53° 57.85'

E 006° 33.94'

BREMEN INFORMATION 128.525 MHz		AMSTERDAM INFORMATION 119.175 MHz		ØRSTED OPERATIONS 131.905 MHz	
WEATHER INFORMATION 133.585 MHz 7x			LIGHTING & DIMMING 133.585 MHz 3x 100% 3x 30% (10%) 3x 10% (3%)		
HELIDECK HEIGHT 129 ft MSL		D-VALUE 23 m		MTOW 9,3 t	
APPROACH / DEPARTURE CORRIDOR 090° / 270° DECK HEADING 360°					
HIGHEST OBSTACLE ON INSTALLATION 20 ft ABOVE HLD (ANTENNA MAST)			HIGHEST OBSTACLE IN THE VICINITY 502 ft MSL (WTG)		
REFUELLING FACILITY N/A	GROUND POWER UNIT YES		LANDING NET 15 m x 15 m	STATUS LIGHT N/A	
FIRE FIGHTING FACILITIES					
DIFFS AUTO + MAN ACTIVATION		2x HYDRANT FLEXIBLE HOSES (25 m)		2x 10 kg CO₂ 2x 25 kg DRY POWDER	



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NON - COMPLIANCES <ul style="list-style-type: none"> OBSTACLE MARKING CONCEPT PRESENTLY DEVIATES FROM LEGAL STIPULATIONS, I.E. OBSTACLES EXCEEDING THE HEIGHT OF AND IN PROXIMITY TO THE THE HELIDECK MIGHT NOT BE MARKED ACCORDINGLY (E.G. ANTENNA MAST, HAND RAILS, FLOOD LIGHTS, FLAME DETECTORS) 				LIMITATIONS <ul style="list-style-type: none"> LANDINGS TO BE PERFORMED WITH LANDING NET FITTED ONLY 				
REMARKS <ul style="list-style-type: none"> CONTACT ØRSTED OPERATIONS / HLO PRIOR TO ENTERING OWF AND FOR FURTHER CLEARANCES BE AWARE OF WTG IN CLOSE PROXIMITY TO HELIDECK 								

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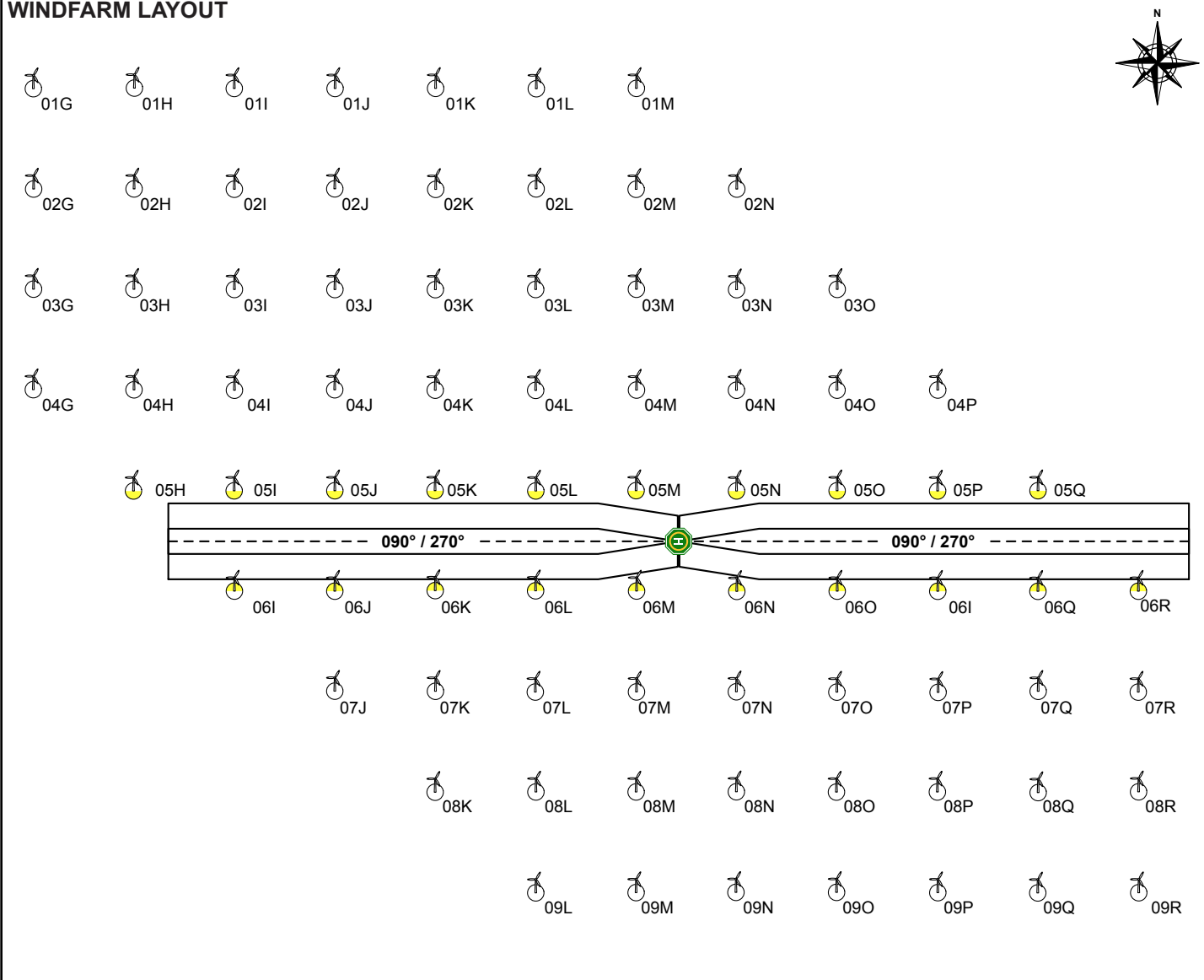
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WINDFARM LAYOUT



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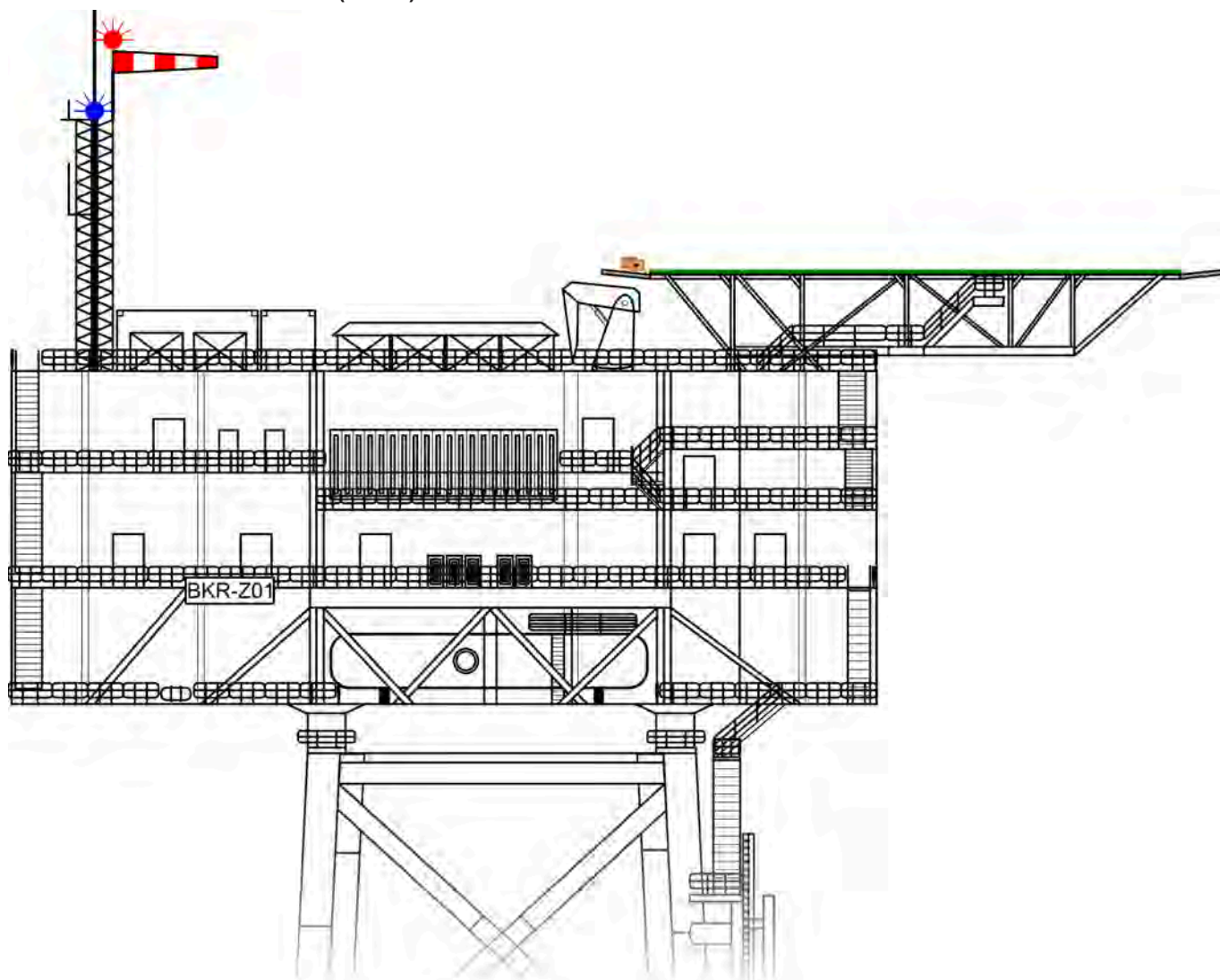
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INSTALLATION PROFILE VIEW (EAST)



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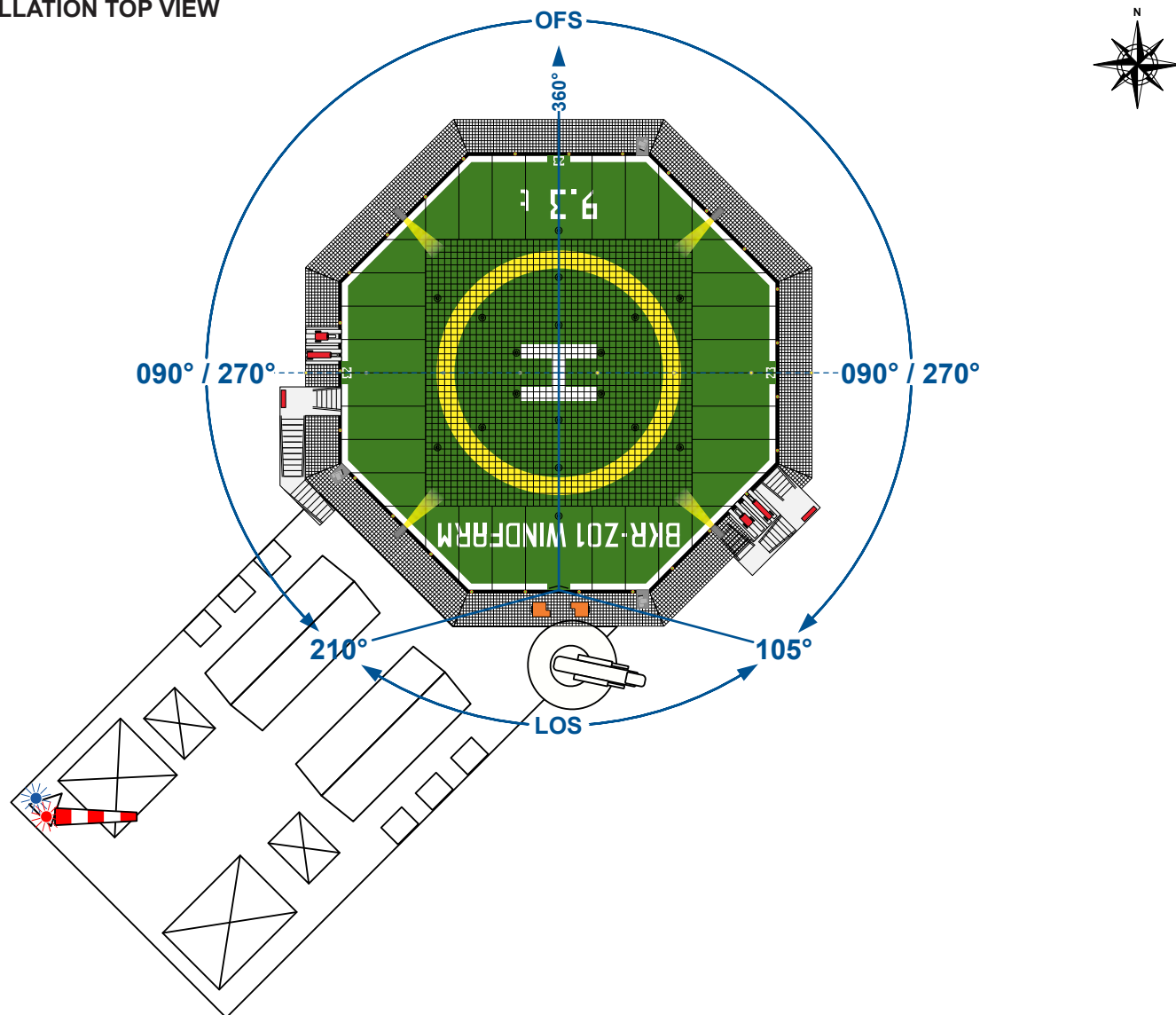
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INSTALLATION TOP VIEW



BORLKUM RIFFGRUND 01

DEPARTURE BR1 EE

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EXIT POINT BR1EE

N 53° 57.85'

E 006° 37.50'

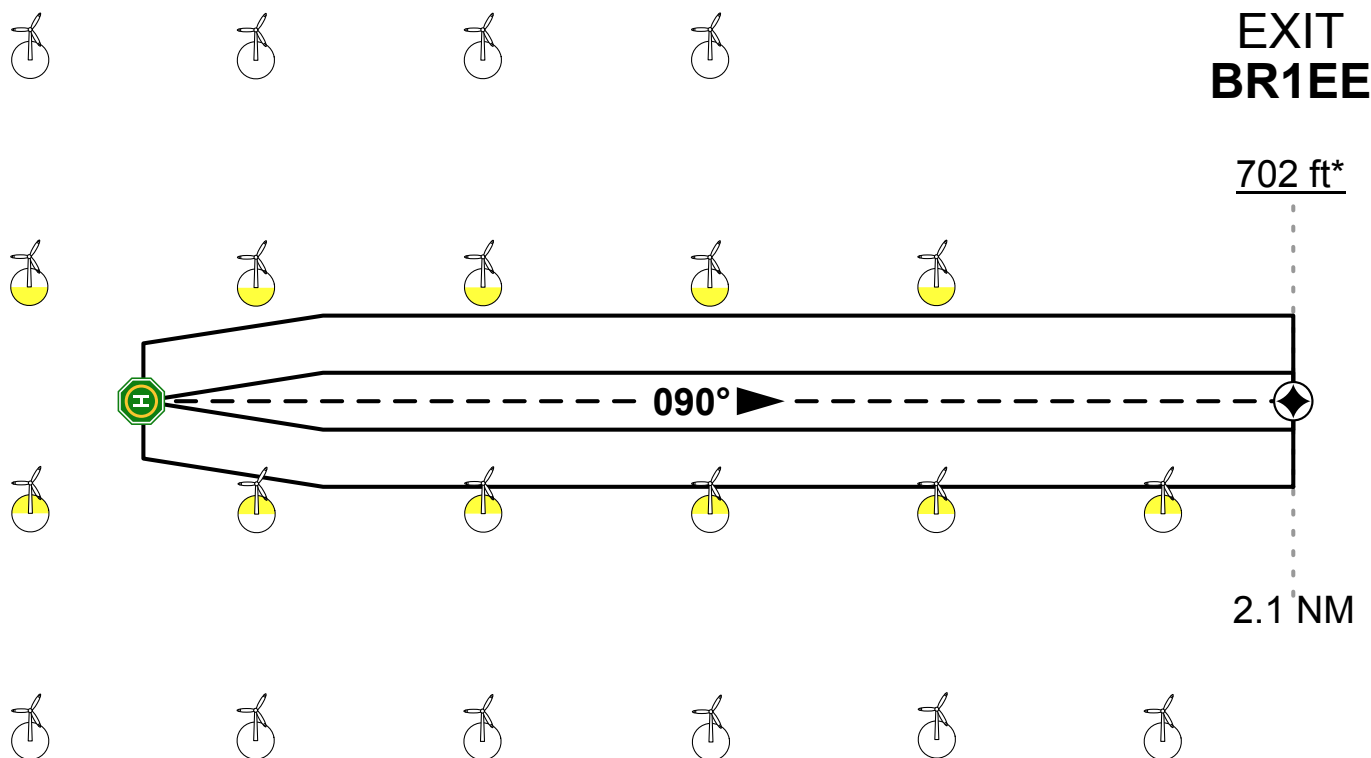
DEPARTURE DIRECTION

090°

DEPARTURE PROCEDURE

- DEPART ON TRACK 090°
- OBSTACLE-FREE WHEN WITHIN DEPARTURE CORRIDOR
- ABOVE WTG HEIGHT WHEN PASSING 502 ft MSL
- CORRIDOR DESIGNED TO REACH 200 ft ABOVE WTG HEIGHT AT EXIT POINT BR1EE (4.5% CLIMB RATE)

DEPARTURE TOP VIEW



*200 ft above WTG

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DEPARTURE BR1 EW

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EXIT POINT BR1EW

N 53° 57.85'

E 006° 30.38'

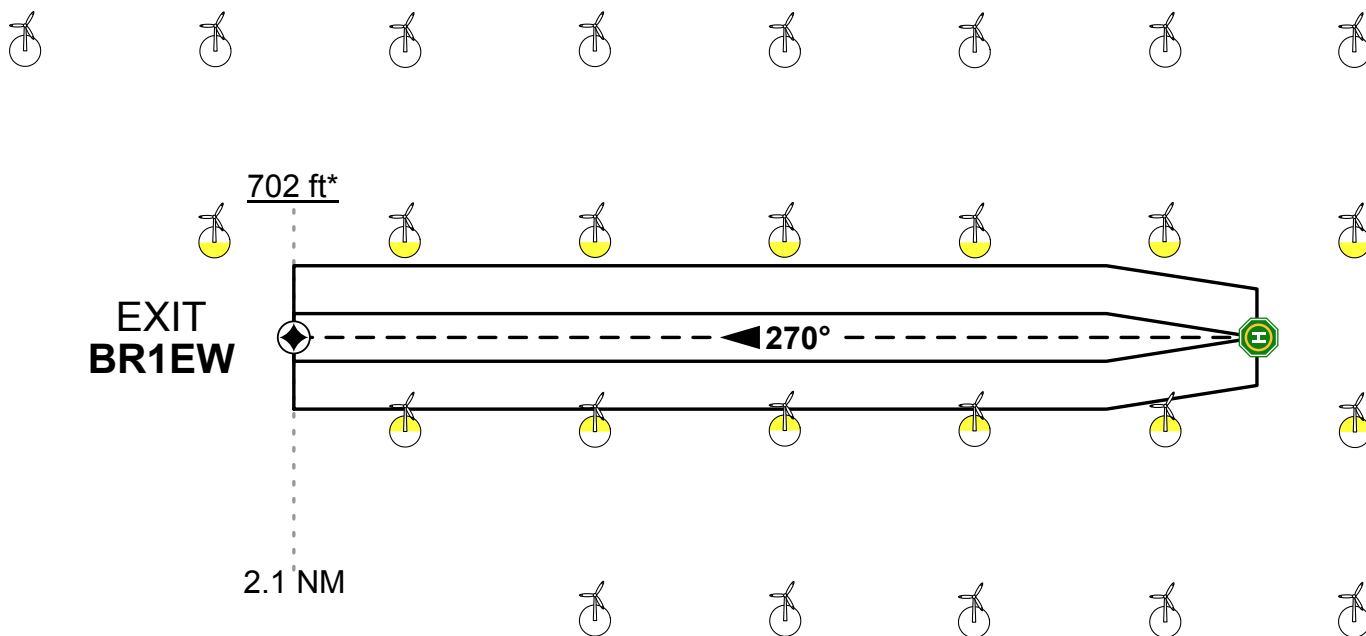
DEPARTURE DIRECTION

270°

DEPARTURE PROCEDURE

- DEPART ON TRACK 270°
- OBSTACLE-FREE WHEN WITHIN DEPARTURE CORRIDOR
- ABOVE WTG HEIGHT WHEN PASSING 502 ft MSL
- CORRIDOR DESIGNED TO REACH 200 ft ABOVE WTG HEIGHT AT EXIT POINT BR1EW (4.5% CLIMB RATE)

DEPARTURE TOP VIEW



*200 ft above WTG