



### TABULAR DESCRIPTION

STAR Indicator				STAR Identifier			VAR 2020 - 15.0 W		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
<b>SEMEM 1D</b>									
010	IF	SEMEM							RNP1
020	TF	DEKIR		260(244.6)	31.0				RNP1
<b>TAPAL 1D</b>									
010	IF	TAPAL							RNP1
020	TF	DEKIR		243(227.6)	25.6				RNP1
<b>KEKIN 1B</b>									
010	IF	KEKIN							RNP1
020	TF	BALBY		196(180.5)	18.3				RNP1
<b>IKRAM 1B</b>									
010	IF	IKRAM							RNP1
020	TF	BALBY		130(114.7)	10.7				RNP1
<b>LIKID 1B</b>									
010	IF	LIKID							RNP1
020	TF	BALBY		042(026.7)	16.4				RNP1
<b>MENIR 1G</b>									
010	IF	MENIR							RNP1
020	TF	GAGIS		009(354.4)	18.6				RNP1

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<b>NANOT 1G</b>									
010	IF	NANOT							RNP1
020	TF	GAGIS		343(328.0)	26.3				RNP1
<b>ODRET 1G</b>									
010	IF	ODRET							RNP1
020	TF	GAGIS		324(309.2)	32.1				RNP1
<b>PIPRI 1D</b>									
010	IF	PIPRI							RNP1
020	TF	MI401		308(293.3)	31.6				RNP1
030	TF	DEKIR		284(269.4)	9.0				RNP1
<b>RAMUR 1D</b>									
010	IF	RAMUR							RNP1
020	TF	MI401		284(269.3)	28.4				RNP1
030	TF	DEKIR		284(269.4)	9.0				RNP1

### LIST OF WAYPOINTS

Number	Waypoint ID	LATITUDE	LONGITUDE
1	SEMEM	18°27'16.8"S	047°43'44.2"E
2	TAPAL	18°23'15.9"S	047°34'08.7"E
3	KEKIN	18°27'08.5"S	047°13'36.3"E
4	IKRAM	18°41'02.2"S	047°03'11.7"E
5	LIKID	19°00'13.5"S	047°05'39.6"E
6	MENIR	19°09'01.2"S	047°14'29.7"E
7	NANOT	19°12'51.5"S	047°27'16.5"E
8	ODRET	19°10'53.3"S	047°38'53.1"E
9	PIPRI	18°53'06.6"S	047°54'19.5"E
10	MI401	18°40'28.7"S	047°23'43.5"E
11	DEKIR	18°40'33.9"S	047°14'14.7"E
12	BALBY	18°45'31.4"S	047°13'25.4"E
13	GAGIS	18°50'28.9"S	047°12'36.1"E