



### 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 1K</b>									
010	IF	SEMEM							RNP1
020	TF	KEPOS		190(174.7)	17.9				RNP1
<b>TAPAL 1K</b>									
010	IF	TAPAL							RNP1
020	TF	KEPOS		169(153.8)	24.4				RNP1
<b>KEKIN 1K</b>									
010	IF	KEKIN							RNP1
020	TF	KEPOS		136(120.8)	35.2				RNP1
<b>IKRAM 1K</b>									
010	IF	IKRAM							RNP1
020	TF	KEPOS		111(096.0)	40.3				RNP1
<b>LIKID 1U</b>									
010	IF	LIKID							RNP1
020	TF	MI402		113(098.0)	28.5	L			RNP1
030	TF	UBILA		057(041.7)	12.0				RNP1
<b>MENIR 1U</b>									
010	IF	MENIR							RNP1
020	TF	MI402		091(076.3)	20.4	L			RNP1
030	TF	UBILA		057(041.7)	12.0				RNP1
<b>NANOT 1U</b>									
010	IF	NANOT							RNP1
020	TF	MI402		057(041.7)	11.6	L			RNP1
030	TF	UBILA		057(041.7)	12.0				RNP1

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<b>ODRET 1U</b>									
010	IF	ODRET							RNP1
020	TF	UBILA		032(016.7)	16.4				RNP1
<b>PIPRI 1A</b>									
010	IF	PIPRI							RNP1
020	TF	ANOSI		303(287.6)	9.6				RNP1
<b>RAMUR 1A</b>									
010	IF	RAMUR							RNP1
020	TF	ANOSI		235(220.5)	13.1				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	MI402	19°04'08.5"S	047°35'26.6"E
11	KEPOS	18°45'13.2"S	047°45'28.4"E
12	ANOSI	18°50'10.8"S	047°44'39.9"E
13	UBILA	18°55'08.4"S	047°43'51.5"E