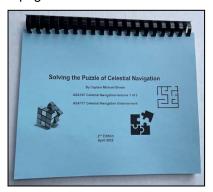


# Captain In You Sailing Schools, Inc.

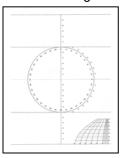
Mailing Address for checks: 311 Society Place - Newtown, PA 18940

Included in Part 1 of ASA107 Celestial Navigation or ASA117 Celestial Navigation Endorsement.

Volume 1 ASA107 Celestial Navigation or ASA117 Celestial Navigation Endorsement by Captain Michael Brown-150 pages.



## **Universal Plotting Sheet**



#### ASA117 Exam



Comment from a student on our Class Materials and Work Forms:

I really appreciate all of the level of detail you put into this course. The step by step worksheets and your workbooks do an awesome job of bringing this in-depth course to my level of understanding. I'm sincere in stating you course is 5\* \( \forall \).

# Work Forms for Polaris, and Local Apparent Noon



	POLARIS- WORK FORM
DATA:	
Date	Tindays Oute
DRIANNES	DR Latitude, Note N or S
OR Long E or W	DR Longitude, Note E or W
не	Height of Eye
ris .	Uncorrected Sestant Attitude
Zone Time	Time when sighting was taken
	Index Error. Note On or Off
wt	Watch Error, Note Fast or Slow
Log	From Knot Log on boat
Baronetris Pressure	From Barometer on Book
Temperature	From Thermometer on Boat
SEXTANT CORRECTIONS:	
PN	Sestant Reading
Instrument Corr.	Instrument Corn. Add or Subt. Instr. Corn. from Wanufa
ю	Index Correction. If IE on, then Subtract. Add FIE off
00	Dip Correction. Minus Dip Corr. Due to Ht. of Eye
Ha	Apparent Alt. Yotal of Hs + Inst. Corr. + IC + DC
Star Akthude Com.	From Alk, Corr. Table A2 Blar Column
Non-Bill, Cond. Corn.	From Additional Corr. Table A4
No	Observed Alt. + He + Star Alt. Com. + Non. Std. Com
CORRECTED ZONE TIME;	
27	Jone Time
DST Curr.	Daylight Savinga Time Corn. If between 2 <sup>rd</sup> Sunday in Warch and 1 <sup>rd</sup> Sunday in November then subtract 1 fe
wc	Watch Correction. Add F Slow, Subtract F Fast
Corrected 2T	Connected Zone Time + 27 + DST Core + WC

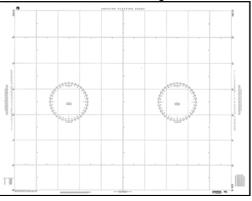
Included in Part 2 of ASA107 Celestial Navigation.

All items above and below are included if you sign up for ASA107 Parts 1 and 2.

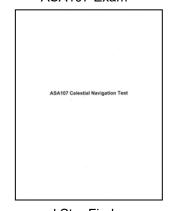
Volume 2 ASA107 Celestial Navigation by Captain Michael Brown– 250 pages



DMA 925 Plotting Sheet



## ASA107 Exam



Star Finder \$80 value



Work Forms for Stars, Sun, Planets, Moon, and Star Finder

s	UN, MOON, AND PLANETS	- WORK FORM
DATA:		
Name of Body	Name of Body	
Limb	Upper or Lower Limb	(For Sun and Woon Only)
Date	Todays Date	
DR Let	DR Latitude, Note N or	*5
DR Long	DR Longitude, Note E	or W
He	Uncorrected Sentant A	Littude
Zone Time	Time when sighting w	es taken
HE	Height of Eye	
R.	Index Error. Obtained	from Zeroing Sextent
WE	Watch Error. How slo	w or fast is wetch. Note Fast or Slow
Log	From Knot Log on Box	4
Barometric Pressure	From Barometer on Br	oat
Temperature	From Thermometer or	Boat
GWT:		
	Hr. Min. Sec. Day Month	
ZT		Zone Time. Local Time of Sight
DST Core.	_	Daylight Savings Time Com. If between 2" Sunday in Warch and 1" Sunday in November then subt. 1 br.
		DR Long Whole No. Deg. DR Long min/60 DR Long in Dec. Deg. Note E or W
wro	_	Meridian Time Difference + Decimal Long in Dec. Deg./15 and Rounded. + If W If E
wo		Watch Corr. Add If Slow, Subt. If Fast
GMT		Greenwich Mean Time. Total of 2T + WC. + DST Com., + MTD
I		

	STARS- WORK FORM
QATA:	
Name of Star	Name of Star
Date	Todays Date
OR Lat	DR Latitude, Note N or S
OR Long	DR Longitude, Note E or W
Hs	Uncorrected Sextant Attitude
Zone Time	Time when sighting was taken
HE	Height of Eye
E	Index Error. Obtained from Zeroing Sestant
WE	Watch Error. How slow or fast is watch. Note Fast or Slow
Log	From Knot Log on Boat
Barometric Pressure	From Barometer on Boet
Temperature	From Thermometer on Boat
SEXTANT CORRECTIONS:	
Hs	Sextant Reading
Instrument Corr.	Instrument Corr. Add or Subt. Instr. Corr. from Manufacture
ю	Index Correction. If IE on, then Subtract. Add If IE off
00	Dip Correction. Winus Dip Corr. Due to Ht. of Eye
На	Apparent Alt. Total of Hs + Inst. Corr. + IC + DC
Star Attitude Corr.	From Alt. Corr. Table A2 Star Column
Non-Std. Cond. Corr.	From Additional Corr. Table A4
	Observed Alt. = Ha + Star Alt. Corr. + Non. Std. Corr

	STAR FINDER- WORK FORM	
CORRECTED ZONE	THE	
ZT	Zone Time	
DST Core.	Daylight Savings Time Corr. If between 2" Sunday in Warch and 1" Sunday in November then subtract 1 M.	
wc	Watch Correction. Add if Slow, Subtract if Fast	
Corrected ZT	Corrected Zone Time = ZT = DST Corr. = WC	
MERIDIAN TIME DIF	FERENCE:	
	Off Long Whole No. Deg. Off Long minifol Off Long in Dec. Deg. Note E or W	
LTD	Longitude Time Diff. = DR Long. In Dec. Deg./16 Deg. Note E or W	
WTD	Meridian Time Diff. = LTD Rounded. = if M; - if E.	
GREENWICH WEAK	TMC;	
Corrected ZT	Connected Zone Time from Corrected Zone Time Section	
WTD	MTD from Meridian Time Difference Section	
GWT	Greenwich Mean Time = Corrected ZT plus MTD	
GHA and LHA ARIES		
gha Aries hours	gha Aries for Hours from Daily Pages NA	
gha Aries minutes	ghe Aries for min. and sec. from Inc. and Corr Tables	
GHA.Aries	Sum of ghe Aries hour plus ghe Aries Incr.	
Corr. If GHA Aries	Add 360 if GHA is less than DR Long.	
Winus Longitude	OR Long. = I'M, — I'E. I'E minus a minus is positive so add	
	LNA Aries = GNA Aries Total minus Long	