



Attendees	Present
• Officers	
○ Director – Damian Yañez	Y
○ President – Tom Tanner	Y
○ Vice President – Ben Flood	Y
○ Secretary – Luis Alberto Lopez	Y
○ Treasurer – Ross Campbell	Y
• Members and Guests	
○ Members (7): Peter Stubbers, Bob Martin, Bryan Strong, Isabelle Chavarie, Santiago Cortina, Brett Mcfarland, Dell Ruff	
○ Guests (8): John Hargrave, Nathan Hewitt, Jim Scooler, Rebecca Mcgeachy, Jim Smith, Ragaa Mitry, Kenneth Carden, Elie Nakad	

Topics of Discussion	Comments
• Welcome	
○ Notes	<ul style="list-style-type: none">Original meeting date postponed due to COVID-19.Special Guest: John Hargrave, SAWE International President
• Chapter Status	
○ Membership	<ul style="list-style-type: none">19 Members on roster.Chapter Officer Elections by end of April.
○ Chapter Project –Handbook Update	<ul style="list-style-type: none">73% of draft complete, 2 sections in final edit.Now at 15 of 20 sections delivered to Tech Committee, 54% by page count.Need all sections to Technical Committee by May 1, 2020.Goal – complete by June 2020 Tech Fair.
○ Treasurer's Report	<ul style="list-style-type: none">Balance = \$1,835.40Does not include minimal PayPal transaction costs for refunds of previous meetings.
• International Topics	
○ International Conferences	<ul style="list-style-type: none">2020 Conference May 23-28, Hamburg Germany replaced by Tech Fair in June (more info to come).Peter Stubbers to present buoyancy paper.Our chapter will submit a bid for hosting 2022 conference. Ben Flood preparing bid presentation for BOD meeting May 23rd.
○ Mass Properties Engineering Certification	<ul style="list-style-type: none">Damian is supporting semi-monthly telecons.
○ Academic Liaison	<ul style="list-style-type: none">Looking for volunteer.

Topics of Discussion		Comments
<ul style="list-style-type: none"> Featured Speakers 		
<ul style="list-style-type: none"> Presentation by Tom Tanner & Ben Flood Mass Properties Gulfstream Aerospace Corp. 		<ul style="list-style-type: none"> Tom and Peter presented “<i>Mass Properties Challenges in Aircraft Interior Outfitting – Function vs. Fashion</i>” based on their experience with managing weight and balance considerations when incorporating a wide variety of customer interior selections and mission options. Thanks very much Tom and Ben!
<ul style="list-style-type: none"> Close 		
<ul style="list-style-type: none"> Next Actions 		<ul style="list-style-type: none"> Damian to update chapter website news and events. Ben to finish Bid presentation Handbook: Damian Sect. 5, 11, 16; Tom 4; Peter 17.
<ul style="list-style-type: none"> Next Meetings 		<ul style="list-style-type: none"> Officers' Meeting, May 14 @ 11:30am Webex

Table 1 - SAWE Handbook Status

SAWE Mass Properties Engineers' Handbook Revision Status as of 3/13/2020

Section	Topic	No. Pages (2008 Ed.)	Draft %Complete	Peer Review Entered	Completed	Notes	POC
Front material		16	75%			To be submitted after all sections are completed.	Yanez
1 Units		18	100%	1/24/2019			Yanez
2 Section Properties		20	100%	1/24/2019			Stubbers
3 Material Properties		30	100%	3/10/2020			Yanez
4 Component Properties		14	15%				Tanner
5 Mass Properties Calculation		48	95%			In final edit.	Ruff
6 Mass Properties Measurement		50	100%	1/24/2019			Yanez
7 Loads		4	100%	4/19/2019			Ruff, Yanez
8 Strength		8	100%	8/26/2019			Ruff, Yanez
9 Structural Dynamics		6	100%	9/20/2019			Campbell, Yanez
10 Aerodynamics		12	100%	2/11/2020			Campbell, Yanez
11 Propulsion		10	50%			In final edit.	Campbell, Yanez
12 Thermodynamics		6	100%	5/29/2019			Stubbers, Yanez
13 Space Flight Mechanics		6	100%	11/15/2019			Stubbers, Yanez
14 Crew Systems		18	100%	2/20/2019			Lopez, Yanez
15 Power Systems		10	100%	3/14/2019			Lopez, Yanez
16 Mathematics		12	5%				Yanez
17 Marine Vehicles		68	5%				Stubbers
18 Land Vehicles		8	100%	5/31/2019		Sent to S. Matschinsky for review.	Yanez
19 Miscellaneous		6	100%	2/12/2020			Yanez
20 Communications		2	100%	11/15/2019			Campbell, Yanez
Index		4	0%			To be submitted after all sections are completed.	Stubbers
Total		376	73%	54%			

Note: Yellow items have been delivered to the Technical Committee for review.