



**To** SAI Subcommittee **Date** November 3, 2017

**From** P. J. Prisaznuk  
pjp@sae-itc.org  
tel: 1-410-212-0913 **Reference** 17-999/SMA-044 lth

**Subject** **Meeting Announcement**  
**Systems Architecture and Interfaces (SAI) Subcommittee**

**Chairmen** **Rich Stillwell, United Airlines**  
**Reinhard Andreae, Lufthansa**

**When** **February 8-9, 2018**  
February 8, from 0900 to 1700 (Thursday)  
February 9, from 0900 to 1200 (Friday)  
Note: The SAI Global Aircraft Tracking (GAT) Working Group will meet February 6-7 at the same location. Refer to 17-999/SMA-049 for details.

**Where** Meeting Location  
**Gables Engineering**  
247 Greco Avenue  
Coral Gables, Florida 33146  
Point of Contact  
Anna A. Franklin  
Business Development Administrator  
tel: 1-305-774-4327  
email: [franklin@gableseng.com](mailto:franklin@gableseng.com)  
[www.gableseng.com](http://www.gableseng.com)

**Hotels** There are many hotels near Gables Engineering to meet your budget and comfort needs. A list is attached to this meeting announcement.

**Instructions** Please notify the Industry Activities staff of your intention to attend by registering online at: <http://www.aviation-ia.com/events/>  
The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Paul Prisaznuk. The agenda will be finalized one week prior to the meeting.

## Meeting Objectives

### SAI Meeting in Miami

The Systems Architecture and Interfaces (SAI) Subcommittee will prepare avionics system-level guidance for new airplanes and major retrofit programs. It will discuss NextGen and SESAR programs and the impact on Communication, Navigation, and Surveillance (CNS) equipment.

### NextGen and SESAR Equipment and Architectures

The SAI Subcommittee will continue its discussion of avionics equipment and data comm services necessary for NextGen and SESAR programs

**ARINC Report 660B:** *CNS/ATM Avionics Architectures Supporting NextGen/SESAR Concepts* refers to several ARINC Standards that may be impacted by emerging airspace requirements. Future work will be discussed.

**ARINC Characteristic 702A:** *Advanced Flight Management Computer System* is being updated by the development of Supplement 5 to support NextGen and SESAR airspace initiatives. A status report will be provided.

### Global Aircraft Tracking

The SAI Global Aircraft Tracking (GAT) Working Group will meet February 6-7 at the same location. A summary of Autonomous Distress Tracking (ADT) and Timely Recovery of Flight Data (TRFD) activities will be reported.

### Software Performance and Reliability Metrics

The AEEC Executive Committee has formed a Software Metrics Working Group to investigate how qualitative measures may be applied to the software lifecycle. The initial goal is to “define the problem space.” A status report will be provided to the SAI Subcommittee.

### Proposals to Initiate/Modify ARINC Standards

The SAI Subcommittee will review several draft APIMs leading to the development of new ARINC Standards. Proponents are invited to present their APIM in person.

In preparation for the AEEC General Session to be held April 23-28, 2018 in Dallas, Texas, the SAI Subcommittee will discuss the following:

- Cabin Equipment Solutions
- Data Communications Standard
- Networks and Security
- Software Data Loading
- Other APIM proposals

**Travel  
Information**

Gables Engineering is located about 15 minutes South of the Miami International Airport (MIA). Directions to Gables are provided for you as well as a link that takes you to Google maps so you can get directions to your hotel from the Miami International Airport.

**From Miami Airport Rental Car Facility**

1. Exit on 12<sup>th</sup> street 0.2 mi
2. Follow signs to Route 953 south, Le Jeune Rd 3.8 mi
3. Turn left onto Bird Avenue 0.2 mi
4. Turn right onto Ponce De Leon Blvd 0.3 mi
5. At the traffic circle, use 1st exit onto Greco Ave
6. Gables Engineering is on the right
7. Visitors parking through the gate, rear of building

Gables Engineering  
247 Greco Avenue  
Coral Gables, Florida 33146

*[Click here for directions](#)*

# Attachment 1



## MIAMI, FLORIDA HOTELS

### **Miami Airport Marriott**

1201 N.W. LeJeune Road, Building A  
Miami, FL 33126  
Phone: (305) 649-5000  
Website: [www.marriott.com](http://www.marriott.com)

Onsite Parking fee: \$17.00 USD daily  
Valet Parking fee: \$20.00 USD daily  
Distance from Gables Engineering: 4.1 miles

### **The Westin Colonnade**

180 Aragon Avenue  
Coral Gables, FL 33134  
Phone: (305) 441-2600  
Website: [www.westincoralgables.com](http://www.westincoralgables.com)

Valet Parking fee: \$26.00 USD daily  
Distance from Gables Engineering: 1.53 miles

### **Courtyard by Marriott**

2501 South LeJeune Road  
Coral Gables, FL 33134  
Phone: (305) 443-2301  
Website: [www.marriott.com](http://www.marriott.com)

Onsite Parking fee: \$10.00 USD daily  
Offsite Parking fee: \$16.00 USD daily  
Distance from Gables Engineering: 1.9 miles

### **Courtyard by Marriott Hotel**

2649 South Bayshore Drive  
Coconut Grove, FL 33133  
Phone: (305) 858-2500  
Website: [www.marriott.com/hotels](http://www.marriott.com/hotels)

Valet Parking fee: \$24.00 USD daily  
Distance from Gables Engineering: 2.4 miles

### **Sonesta Bayfront Beach Hotel**

2889 McFarlane Road  
Coconut Grove, FL 33133  
Phone: (305) 529-2828  
Website: [www.sonesta.com/coconutgrove](http://www.sonesta.com/coconutgrove)

Valet Parking fee: \$25.00 USD daily  
Distance from Gables Engineering: 1.6 miles



## MIAMI, FLORIDA HOTELS

### Hilton Miami Airport

5101 Blue Lagoon Drive

Miami, FL 33126

Phone: (305) 262-1000

Website: [www3.hilton.com](http://www3.hilton.com)

Self Parking fee: \$15.00 USD daily

Valet Parking fee: \$20.00 USD daily

Distance from Gables Engineering: 5.9 miles

### Sofitel Hotel

5800 Blue Lagoon Drive

Miami, FL 33126

Phone: (305) 264-4888

Website: [www.sofitel.com](http://www.sofitel.com)

Distance from Gables Engineering: 4.86 miles

### Embassy Suites (Miami Int'l Airport)

3974 NW South River Drive

Miami, FL 33142

Phone: (305)634-5000

Website: [www.embassysuites3.hilton.com](http://www.embassysuites3.hilton.com)

Self Parking fee: \$16.00 USD daily

Valet Parking fee: \$18.00 USD daily

Distance from Gables Engineering: 5.7 miles