APPLICATION FOR ADMISSION TO THE DOCTORAL QUALIFYING EXAM

FIELD EXAM – January 28 & 29, 2019, 8:30 am – 6:00 pm, Rooms TBA

Name: ____________________________________ Email: _________________________

Phone: ____________________ Current GPA: _________________________

MIT Research Advisor: ____________________________________________________

Select one field and, if applicable, indicate the elective content you have selected for the field exam:

_____ Aerospace Computational Engineering – Core plus one:
   A. _____ Fluid Mechanics
   B. _____ Mechanics of Solid Materials
   C. _____ Optimization Methods
   D. _____ Probability

_____ Communications and Networking – Select two:
   A. _____ Probability and Statistics
   B. _____ Data Networks
   C. _____ Digital Communication

_____ Aerospace, Energy & the Environment

_____ Air-breathing Propulsion – Core plus one:
   A. _____ Compressible Flow
   B. _____ Internal Flow in Turbomechanics

_____ Controls – No elective content

_____ Humans in Aerospace – No elective content

_____ Aircraft Systems Engineering – Core plus two:
   A. _____ Aerodynamics
   B. _____ Aircraft Instrumentation
   C. _____ Aircraft Propulsion
   D. _____ Aircraft Stability and Control
   E. _____ Aircraft Structures
   F. _____ Human Factors
   G. _____ Software Systems

_____ Materials and Structures – No elective content

_____ Space Propulsion – No elective content

_____ Space Systems – Core plus one:
   A. _____ Space System Arch & Design
   B. _____ Space System Engineering
   C. _____ System Safety

_____ Air Transportation Systems – No elective content

_____ Autonomous Systems – Core plus one:
   A. _____ Cognitive Robotics
   B. _____ Stochastic Estimation & Control

- FORM CONTINUES ON REVERSE SIDE -
Faculty Endorsement: I endorse the above student’s application for admission to the Department of Aeronautics and Astronautics Doctoral Qualifying Exam.

I will submit the separate recommendation form (email or hard copy) to Beth Marois no later than Monday, January 7, 2019.

I will make a presentation of the candidate’s academic achievements at the faculty review following the examinations, as an advocate of the candidate, and will communicate the decision of the faculty to the candidate following the evaluation meeting. I understand that serving as endorser does not commit me to serve as the doctoral advisor, but does signify my belief that the student has the potential to successfully complete the doctoral program.

________________________________________
Signature of Faculty Member

________________________________________
Date

Please complete and return to Beth Marois, Room 33-202A, no later than Friday, November 2, 2018.