APPLICATION FOR ADMISSION TO THE DOCTORAL QUALIFYING EXAM

FIELD EXAM – January 29 & 30, 2018, 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

Aerospace, Energy & the Environment

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

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

Air Transportation Systems – No elective content

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

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

Controls – No elective content

Humans in Aerospace – Core plus one:
A. _____ Aerospace Biomedical Engineering
B. _____ Humans and Automation

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

- 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 8, 2018.

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 Wednesday, November 8, 2017.