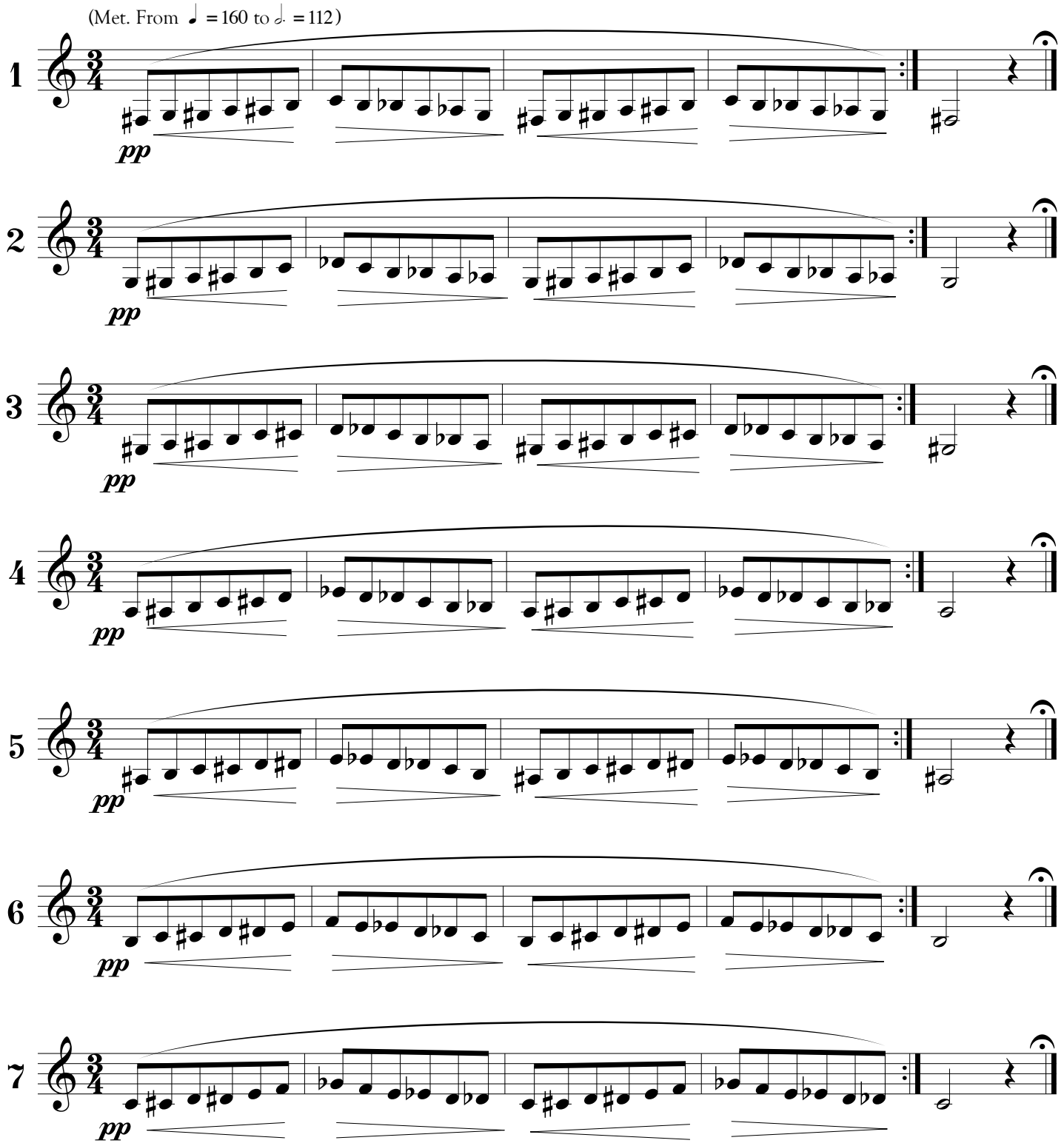FIRST STUDY