



Fig.7. The Mothership Jedia (*M-Jedia*). In (A) The four mechanisms for the motion and stability of *M-Jedia*, are the external magnetic field (*ExMF*) ascending force (*FExA*) (or levitation if balanced with gravitational force), *ExMF* driving force (*FExD*), the *ExMF* brake force (*FExB*) and the *ExMF* stability force (*FExS*). In (B) the *FExS* acting toward the center of *M-Jedia*, causing stability while at driving, hovering or during $\pm 45^\circ$ hanging state. Leakages or escaped *ExMF* are diverted by the ferromagnetic internal layer, to protect occupants and instruments as shown in (C). Samples produced by rotating *ExMF* on cornfields are shown in (D).

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