Table a44 Input data, **soccerball.bin**, for re-loading the
shell with Load Set A: the uniform external pressure.
This run immediately follows the STAGS run for which the
soccerball.bin file is listed in Table a42 (load-relaxation
to determine the residual "cos(theta)" dent).
Note that NSTRAT = 0, NPATH = 0, and NSOL = 1 (discontinuous
solution). The purpose of this and the following STAGS run
is to determine the collapse pressure of the shell with
the residual "**cos(theta)**" dent in it.
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optimized imperfect shell, nonlinear theory (INDIC=3)
 3, $ INDIC=1 is bifur.buckling; INDIC=3 is nonlinear BEGIN B-1
 1, $ IPOST=1 means save displacements every IPOSTth step
 0, $ ILIST =0 means normal batch-oriented output
 0, $ ICOR =0 means projection in; 1 means not in.
 1, $ IMPTHE=index for imperfection theory.
 0, $ IOPTIM=0 means bandwith optimization will be performed
 0, $ IFLU =0 means no fluid interaction.
 -1 $ ISOLVR= 0 means original solver; -1 new solver.END B-1 rec
 5.0E-02, $ STLD(1)=starting load factor, System A. BEGIN C-1 rec.
 5.0E-02, $ STEP(1)=load factor increment, System A
 0.700, $ FACM(1) = maximum load factor, System A
 0., $ STLD(2) = starting load factor, System B
 0., $ STEP(2) = load factor increment, System B
 0.0, $ FACM(2) = maximum load factor, System B
 0 $ ITEMP =0 means no thermal loads. END C-1 rec.
  40, $ ISTART=restart from ISTARTth load step.   BEGIN D-1 rec.
 500,$ NSEC= number of CPU seconds before run termination
 10,$ NCUT = number of times step size may be cut
  -20, $ NEWT = number of refactorings allowed
 0,$ NSTRAT=-1 means path length used as independent parameter
 0.00010,$ DELX=convergence tolerance
 0. $ WUND = 0 means initial relaxation factor =1.END D-1 rec.
 0, 0, 1 $ NPATH=0: Riks, NEIGS=no.of eigs, NSOL=1=discontin.ET-1
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