

NOTE: For the complete 42-page compliance document go to https://www.nsf.gov/bfa/dias/policy/autocheck/rgovcompliancechecks_jan2023.pdf. Pages were deleted from this document that relate to Preliminary, Renewal, Supplemental and Letters of Intent compliance. Items highlighted in red apply to ATE.

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF JANUARY 30, 2023

Scroll down to view each Research.gov automated compliance checks table or use the links below:

[I. Full Proposals](#)

[IV. Renewal Proposals](#)

[II. Preliminary Proposals](#)

[V. Accomplishment-Based Renewal Proposals](#)

[III. Letters of Intent](#)

[VI. Supplemental Funding Requests](#)



LEGEND

✓ = The system runs a compliance check and an Error or Warning message will be displayed (as noted in the "Error/Warning" column) if the proposal fails the compliance check.

N/A = The system does not run a compliance check because the proposal rule doesn't apply for this type of proposal.

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY RESEARCH.GOV AS OF JANUARY 30, 2023 FOR FULL PROPOSALS

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL																	
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
PROPOSAL SECTION EXISTS CHECKS																				
1	Project Summary is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Project Description is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	References Cited is required (see note 4).	Error	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	N/A	✓	✓	✓	✓	✓	✓	
4	Budget Justification(s) is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Facilities, Equipment and Other Resources is required (conditionally required for Conference & Travel proposals).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	Biographical Sketch is required for each PI/co-PI/ Senior Personnel (see notes 4 & 5).	Error	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	N/A	✓	✓	✓	✓	✓	✓	
7	Current and Pending (Other) Support is required for each PI/co-PI/Senior Personnel (see note 9).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8	Collaborators and Other Affiliations is required (conditionally required for Conference proposals) (see note 5).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
9	Data Management Plan is required.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
10	Postdoctoral Mentoring Plan is required if funding is requested to support postdoctoral researchers.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DOCUMENT EXISTS CHECKS																				
11	Proposal Update Justification is required (Proposal File Update/Budget Revision Justification) (see note 10).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
12	Nature of Natural or Anthropogenic Event document is required (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	



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			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
13	Proprietary or Privileged Information document is required (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		N/A	
14	Disclosure of Lobbying Activities document is required (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Project data form is required (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A		N/A	
16	A Program Officer Concurrence Email is required for RAPID, EAGER, and RAISE proposals.	Error	N/A	N/A	✓	✓	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	
17	A Program Officer Concurrence Email is required for Planning proposals.	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	
18	An Industrial PI Confirmation Letter(s) is required for GOALI proposals.	Error	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	
19	Commercialization Plan is required for SBIR and STTR Phase II proposals.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓
20	Phase I Technical Narrative is required for SBIR and STTR Phase II proposals.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓
21	Project Schedule is required for SBIR and STTR Phase II proposals.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓
22	Company Commercialization History is required for SBIR and STTR Phase I and Phase II proposals (conditionally required).	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
23	Resubmission Change Description is required for SBIR and STTR Phase I proposals (conditionally required).	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓	N/A
PROPOSAL SECTION PAGE COUNT CHECKS																				
24	Project Summary page count cannot exceed 1 page.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	Project Description page count cannot exceed 5 pages for a RAPID proposal.	Error	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	
26	Project Description page count cannot exceed 8 pages for an EAGER proposal.	Error	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	
27	Project Description page count cannot exceed 8 pages for a Planning proposal.	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	
28	Project Description page count cannot exceed 15 pages.	Error	N/A	N/A	N/A	N/A	✓	✓	N/A	✓	✓	✓	✓	N/A	N/A	✓	✓		✓	
29	Project Description page count cannot exceed the page count listed in the program solicitation.	Error	✓	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	✓	✓	N/A	N/A		N/A	
30	Biographical Sketch page count cannot exceed 3 pages per PI/co-PI/Senior Personnel (see notes 4 & 5).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
31	Budget Justification page count cannot exceed 5 pages.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
32	Postdoctoral Mentoring Plan page count cannot exceed 1 page.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
33	Data Management Plan page count cannot exceed 2 pages.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	

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			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
PROPOSAL SECTION HEADING CHECKS																				
34	Project Summary must contain the headings "Overview," "Intellectual Merit," and "Broader Impacts." The heading must appear on a line without additional text.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
35	Project Description must contain the heading "Broader Impacts." The heading must appear on a line without additional text.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PROPOSAL SECTION URL CHECKS																				
36	Hyperlinks (URLs) must not be used in the Project Description.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PROPOSAL PROJECT DATA FORM DOCUMENT CHECKS (SEE NOTE 8)																				
37	Program track has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
38	Category has not been selected on the project data form (conditionally required).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
39	Highest degree has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
40	Institution type has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
41	An Add Other Organization section selection has not been made on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
42	At least one organization has been added to the project data form when the Add Other Organization section indicates other organizations will be involved in the project.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
43	Discipline has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
44	Primary academic focus level has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
45	Private sector participation has not been selected on the project data form.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
46	A value has not been entered in any of the following fields in the Estimated Number of Individuals Involved section of the project data form: • PreK-12 Students • PreK-12 Teachers • Undergraduate Students • Graduate Students • Postdoctoral Fellows • Higher Education Faculty	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
47	A lead organization proposal in a separately submitted collaborative with a program selection requiring submission of the project data form cannot change to a program that does not require submission of the project data form when a linked non-lead proposal is in the	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
48	"Submission Pending" status. A lead organization proposal in a separately submitted collaborative with a program selection not requiring submission of the project data form cannot change to a program requiring submission of the project data form when a linked non-lead proposal is in the "Submission Pending" status.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	

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			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
SBIR AND STTR PROPOSAL QUESTIONNAIRE CHECKS																				
49	Phase I Topic is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓	N/A
50	Phase II Topic is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓
51	Project Pitch Number is required for Phase I proposals.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓	N/A
52	Authorized Company Officer First Name is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
53	Authorized Company Officer Last Name is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
54	A year is entered in Year of First Operations of the Proposing Small Business field.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
55	A year is entered in Year Small Business Founded field.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
56	A value greater than 500 is entered in Number of Full-time Equivalents (FTEs) Employed at the Small Business field.	Warning	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
57	Number of prior SBIR/STTR Phase I submissions to NSF by the proposing small business in the past 5 years excluding this proposal is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
58	Number of SBIR/STTR awards received from all agencies by the proposing small business in the past 5 years is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
59	Total number of SBIR/STTR awards received from all agencies by the proposing small business is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
60	Type of organization is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		✓	
61	Research Investigator First Name is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		✓	
62	Research Investigator Last Name is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		✓	
63	Research Investigator Phone Number is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		✓	
64	When the "This project has been the focus of an Innovation Corps (I-Corps) effort" box is checked, the "Please select the type(s) of I-Corps efforts:" information must be completed.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
65	When the "This project has been the focus of an Innovation Corps (I-Corps) effort" box and the "NSF-funded National I-Corps program" box are checked, the I-Corps Award Number is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
66	When the "Other NSF basic research awards contributed to the creation or development of the underlying technical innovation or approach featured in this proposal" box is checked, at least 1 NSF Award Number is required.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
SBIR AND STTR PROPOSAL CERTIFICATION QUESTION CHECKS																				
67	All certification questions are answered.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
68	Overlapping or equivalent proposals and awards must be disclosed in the provided text field if "No" is selected for the following question: "NSF is the only funding entity that has received this proposal (or overlapping or equivalent proposal) from the small business concern."	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
69	Proposal Number is required (conditionally required) when "Yes" is selected for the Resubmission Change Description question.	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A	✓	N/A

[illegible]

[illegible]

[illegible]

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			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
92	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: • Project Summary • Project Description • References Cited (see note 4) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
93	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: • Company Commercialization History (SBIR/STTR Phases I & Phase II) • Cooperative Research Agreement (SBIR/STTR Phases I & II) • Resubmission Change Description (SBIR/STTR Phase I) • Phase I Technical Narrative (SBIR/STTR Phase II) • Commercialization Plan (SBIR/STTR Phase II) • Project Schedule (SBIR/STTR Phase II)	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	
94	PDF file must not contain an image only and no system readable text, which includes text that was scanned into an image: • Research Support	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A		N/A	
95	PDF file must not be for a document with a page size larger than standard letter paper size (8 ½ by 11") Project Summary • Project Description • References Cited (see note 4) • Other Personnel Biographical Information • Budget Justification(s) • Facilities, Equipment and Other Resources • Postdoctoral Mentoring Plan • Data Management Plan • List of Suggested Reviewers • List of Reviewers Not to Include • Budget Impact Statement	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
96	PDF file must not be for a document with a page size larger than standard letter paper size (8 ½ by 11"): • Company Commercialization History (SBIR/STTR Phases I & Phase II) • Cooperative Research Agreement (SBIR/STTR Phases I & II) • Resubmission Change Description (SBIR/STTR Phase I) • Phase I Technical Narrative (SBIR/STTR Phase II) • Commercialization Plan (SBIR/STTR Phase II) • Project Schedule (SBIR/STTR Phase II)	Error	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		✓	

[illegible]

[illegible]

[illegible]

[illegible]

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL																	
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
PROPOSAL COVER SHEET CHECKS																				
145	Required fields for Place of Performance: Organization Name, Country, Street Address, and City.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
146	Place of Performance postal code not valid for the selected state.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
147	A Requested Start Date has not been entered.	Warning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
148	Proposal Duration cannot be blank or zero.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
149	Proposal Duration must not exceed 2 years (24 months) for a Planning proposal.	Error	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
150	Proposal Duration must not exceed 1 year (12 months) for a RAPID proposal.	Error	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
151	Proposal Duration must not exceed 2 years (24 months) for an EAGER proposal.	Error	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
152	Proposal Duration must not exceed 5 years (60 months) for a RAISE proposal.	Error	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
153	Vertebrate Animals is selected but the animal-use protocol radio button is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
154	Vertebrate Animals is selected but the PHS assurance radio button is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
155	Vertebrate Animals and Approved Animal-use Protocol are selected but required field is missing: IACUC Approval Date.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
156	Vertebrate Animals and Approved PHS Assurance are selected but required field is missing: PHS Animal Welfare Assurance Number.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
157	Human Subjects is selected but the radio button is not selected: Has the human subjects research for the project been approved by an Institutional Review Board (IRB).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
158	Human Subjects and Approved are selected but the required field is missing: IRB Approval Date.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
159	Human Subjects and Exempt are selected but a required field is missing: Exemption Number.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
160	International Activities is selected but Country is missing.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	
161	Funding of an international branch campus of a U.S. institution of higher education (IHE) is selected but a country name is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	
162	Funding of a foreign organization is selected but a country name is not selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	
163	The International Activities checkbox must be checked on the Cover Sheet if the Primary Place of Performance on the Cover Sheet is outside the U.S. (excludes U.S. Possessions).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	
164	If the Budget contains an amount in the foreign travel line, then the International Activities checkbox on the Cover Sheet should be checked.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL																	
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
PROPOSAL DEADLINE SUBMISSION CHECKS																				
165	A proposal cannot be submitted unless a Time Zone is associated with the proposing organization.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
166	A proposal cannot be submitted if it is past 5 PM on the deadline or window date (per the proposing organization's Time Zone as selected in the Organization Profile).	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
167	Warning will display if there is less than 24 hours left to submit a proposal.	Warning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
168	Warning will display if a Proposal File Update (PFU) is submitted after 5 PM on the deadline date.	Warning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
169	A proposal cannot be submitted if a deadline, window, target date or "accepted anytime" has not been selected.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
170	A proposal cannot be submitted if the Funding Opportunity has expired.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
171	A Proposal File Update (PFU)/Budget Revision cannot be submitted after reviewers have been assigned to the proposal.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
172	A Budget Revision cannot be submitted once the proposal has been declined, returned, withdrawn, or awarded.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
173	A Proposal File Update (PFU)/Budget Revision cannot be submitted once the proposal has been withdrawn, declined, recommended, awarded, or returned.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
174	A Proposal File Update (PFU)/Budget Revision cannot be created when the NSF internal system proposal status is "pending."	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
175	An in-progress lead proposal in a separately submitted collaborative cannot be submitted while linked to a non-lead proposal that missed its deadline in an earlier time zone.	Error	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
PROPOSAL LINKING CHECKS																				
176	A separately submitted collaborative proposal is not linked to another proposal.	Error	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
177	A lead proposal without subawards in a separately submitted collaborative has linked non-lead proposals that have not submitted.	Warning	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
178	A separately submitted collaborative proposal link request sent by a lead organization has not been accepted or rejected by a non-lead organization and will automatically be canceled upon submission.	Warning	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	
PROPOSAL SUBMISSION CHECKS																				
179	An Industrial co-PI is required in at least one organization (prime or subaward) on a GOALI proposal if a small business partner organization is not included.	Error	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
180	An Industrial co-PI is required in the small business partner organization on a GOALI proposal when a small business partner organization is included.	Error	N/A	N/A	N/A	N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
181	A linked proposal in a separately submitted collaborative does not yet have Submission Pending proposal status.	Warning	✓	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A	N/A	

#	COMPLIANCE CHECK	ERROR/ WARNING	TYPE OF PROPOSAL																	
			RESEARCH	PLANNING	RAPID	EAGER	RAISE	GOALI	IDEAS LAB	FASED	CONFERENCE	EQUIPMENT	TRAVEL	CENTER	RESEARCH INFRASTRUCTURE	FELLOWSHIP	SBIR PHASE I	SBIR PHASE II	STTR PHASE I	STTR PHASE II
182	The proposal does not use the current <i>Proposal & Award Policies & Procedures Guide (PAPPG)</i> version when submitting to the PAPPG as the funding opportunity type.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A		N/A	
183	The proposing organization must have an active System for Award Management (SAM) certification for submission.	Error	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓		✓	

Notes:

- List provides current checks performed by the Research.gov system as of January 30, 2023, for full proposals.
- Research.gov supports all proposal and submission types including (1) Single submissions from one organization; (2) Single submission collaborative proposals with subawards; and (3) Separately submitted collaborative proposals from multiple organizations. Not all program solicitations can be checked due to system constraints. View the Research.gov [Proposal Submission Capabilities](#) on the Research.gov [About Proposal Preparation and Submission](#) page for additional details.
- Some checks are not enforced for separately submitted collaborative non-lead proposals as stated by NSF policy requirements. The following sections are not required for a non-lead collaborative proposal: Project Summary, Project Description, References Cited, Postdoctoral Mentoring Plan, and Data Management Plan.
- References Cited and the Biographical Sketch are optional for Conference and Travel proposals. However, the system will run the compliance checks as listed above for any optional documents which are uploaded as part of a proposal.
- Biographical Sketch and Collaborators and Other Affiliations may be required per the program solicitation for Mentors/Advisors listed in a Fellowship proposal. The system will run the compliance checks as listed above for any documents which are uploaded as part of a proposal.
- Compliance checks are not performed on the postdoctoral fellowship budget section of the proposal since it is pre-populated in accordance with program solicitation budget guidance but will be run on the budget section for any postdoctoral fellowship proposal file updates/budget revisions.
- The Fellowship proposal type currently supports submission of proposals in response to program solicitations that do not contain reference letter writer requirements.
- A project data form is currently only required to be submitted with some Directorate for STEM Education (EDU) proposals. Refer to the EDU funding opportunity for project data form submission requirements.
- Compliance check will also be performed for a Current and Pending (Other) Support Update requested by NSF.
- A Proposal Update Justification is not required to be submitted for a Current and Pending (Other) Support Update requested by NSF.
- Not all NSF policy requirements are currently enforced by automated compliance checks.
- Current and Pending (Other) Support compliance checks apply to proposals, supplemental funding requests, and to documents submitted in annual and final project reports when active other support has changed. For additional information see: <https://www.nsf.gov/bfa/dias/policy/cps.jsp>.
- Compliance checks are triggered by the "Allow SPO/AOR access" and "Submit" to NSF functions. There are additional actions while preparing a proposal that will trigger a compliance check (e.g., uploading documents).
- Compliance checks that trigger an error message will stop proposal submission to NSF.
- Compliance checks that trigger a warning message will allow proposal submission to NSF.
- Automated proposal compliance checks listed in this table apply to proposals in response to solicitations, program descriptions, and program announcements, as well as to proposals submitted to the PAPPG as the funding opportunity type.

Questions may be directed to the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday–Friday except federal holidays) or via email to rgov@nsf.gov.